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### Lutheranism in Maine 1741-1986

Ingo Dutzmann

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LUTHERANISM IN MAINE 1741-1986

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A thesis Presented to the Faculty  
of Concordia Seminary, St. Louis,  
Department of Historical Theology  
in partial fulfillment of the  
requirements for the degree of  
Master of Sacred Theology

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by

Ingo R. Dutzmann

May 1988

Approved by Quentin Wesselschmidt  
Advisor

Jacob A. O. Preus III  
Reader

ÚÑŲÓÁŠÔÁŲSÚÓSÚÁ

[illegible]

0ăá\*\æăÁ

[illegible]

II. ÜÖÖÄÔØÞUÚÁQÛÜÖÖÞNSUÄNŞĖÁÚÖÖÄÔØÞUÚÁQÛÜÖÖÞNSÁOÒÛÞOÒÄ  
ØSÁSÓUÄÓSÖŦNŞĖİÄ ÜŦQĖŞŦŞÞŞĖÄFİHFĖFİŦĖÄ ggggggggÄ İÄ

III. ÚÒÓÁÓÚÒSØÓÁRØÖÞNÚØŠSUÊÁFÎÍFËFÏGFÁgggggÁ . . . . . GGÁ

[illegible]

{EÄ: QÛÚÒÓĦŦSÁŌŠSUSŖQØENÚØŠŠÁNSĖĀŠŠŠĖŌÚÒŠØŌÁŌĦŠÙØCŌĖĀ  
FĪĪWĖFĪĪĀ ggggggggggggggggggĀ . . . . HĪĀ

[illegible]

ÓŮNŲŇÚŠSÁŠÔÁÛÔÓÁUÔÖSØÔØNSOÓÁŠÔÁÛÔÓÁÔØSEÖSÜUÁÚŠÁENÚÓÁ gÁgÁ. . ÍGÁ

0ŠS00ŮUØŠSÁÁ . . . . . ÍÍÁ

NŞŞÓSÆØVÓUİÁ

NEĀ UUNUUUAUOÓÓUĀŠŌAQŪŪOÓĦNSĀOŠSÖPÓÖNŪŖŠSUĀNSĒĀ  
RØUUØŠSUĀØSĀRNØSŌĀ ĆPÓŪØUŌĒĀĒŌOŌRŇŌPĀĖĖĀ FĪÎĬDĀ qĀqĀ ÎĪĀ

[illegible]

OĚĀ ŐŰŰSÓĚNĚWÁŠŐĀRNŎŠĚĀŦSĚRNŦSŐĀŦSŰŐĚŰŰŰĀNSĚĀ  
 ĚŰŰŰNSŐŰĀŦĚŠĚÁNSŐĀŐŦŦXNŦŦŰŦĀ ĈĚŦŰŰŦŦĚĀ  
 ŐŦŦĚŦŰNĚWÁĚĚĀ FĬĬĬĬĀ gĀgĀgĀgĀgĀgĀgĀgĀgĀgĀgĀgĀ. . . ĬĀĬĀ

FEÅ RNŞĂȘÔÂŞNUŰANSĖĄŚPÓUÓSÚĄQŰŰÒÓPNSÁ  
OŠSÖPÖÖNŰŐSSUANSCĀRØUUØŠSUÄØSARNØSÓA  
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 ´á→Á\~Á↑~{æÁ}↔\âÁ↑]Áàá↑↔]Á\~ÁPæææ↑æãÁQ|\âæãá^ÁOâ|ã´âÊÁOá\*æÁ  
 Ó↔~áâæ\âÊÁRá↔^æÊÁ Ø\Á}ábÁ\âÁ]æáã~àÁ\âÁI€€\âÁN^↔{æãbáã]Á~àÁ\âÁ  
 â↔ã\â~àÁRáã\↔^ÁQ|\âæãÁá^ãÁábAb|´â↔\Ábææ↑æã~^→]Áà↔\↔^&Áá^ãÁ^ã~\*æãÁ  
 \~Ááããá^&æÁà~ãÁá^Áá\*^Á~\*ã↔á\æÁ´æ→æããá\↔~^Á~àÁ\â↔bÁæ{æ^Áá\ÁŞ~ã\→á^ãCbÁ  
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 Rá↔^æÁ↔^ÁáÁb|âb\á^↔á→Á}á]Áà~ãÁ\âÁà↔ãb\Á\↔↑æÁ↔^Á\âÁâ↔b\~ã]Á~àÁ\âÁ  
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Rá↔^æÁáábÁ{↔ã|\á→]Á^~Áãæ´~ãäæãÁâ↔b\~ã]Á~àÁQ|\âæãá^↔b↑Áæ{æ^Á  
 \â~|&âÁ\âÁ~→ãæb\ÁQ|\âæãá^Á´â|ã´âÁ↔^Áá→Á~àÁŞæ}ÁÓ^&á^ãÁb\↔↔~Áb\á^ãbÁ  
 }↔\â↔^Á↔\bÁâ~ãäæãbÊÁ ÚâæãæÁ↔bÁ^~Á}ã↔\æ^Á~ãÁ~ãá→Áâ↔b\~ã]Á~àÁQ|\âæãá^bÁ  
 ↔^ÁRá↔^æÊÁ ÚâæãæÁáãæÁ↑~ãæÁãææææ´æbÁá\Á\âÁŞ~ã\→á^ãÁŞ|â↔^ÁQ↔ããã]Áà~ãÁ  
 CCÜ↔^b\~^ÁOâ|ã´â↔→ÁÁà~ãÁæ[á↑\*→æÁ\âá^Áà~ãÁá→Á~àÁOâã↔b\æ^ã~↑Á↔^Á\âÁ→áb\Á  
 G€€€ÁÈ]æããbÁÁ

Ô~ãÁá^~^æÁ↔^æãæb\æã↔^Áâ↔b\~ã]Á\â↔bÁ´~↑æbÁábÁáÁâ↔\Á~àÁáÁbâ´~↔ÊÁ  
 Úâ↔bÁ\âæb↔bÁ↔bÁ\âÁà↔ãb\Áá\↔↑\*Á↔^ÁRá↔^æÁ\~Áãæ´↔à]Á\áá\Áb↔|\á↔~^ÊÁ  
 Q|\âæãá^bÁ↔^ÁRá↔^æÁáá{æÁááãÁá^ãÁ´~^↔^|æÁ\~Ááá{æÁáÁb\~ã]Á\~Á\æ→ÊÁ Ø\Á  
 ↔bÁáÁb\~ã]Áà|→Á~àÁb↔^Áá^ãÁ&ã´æÁâ~\âÁbáãÁá^ãÁ\*ã~|ãÊÁ Ø\Á↔bÁáÁb\~ã]Á  
 }â↔^Á~|&â\Á\~ÁâæÁ~→ãÁâæ´á|bæÁ↔\Á↔b↔b&↔↔^á^Á↔^ÁáÁ\→→æã~àÁ}á]bÊÁ  
 Ô↔ãb\ÊÁQ|\âæãá^bÁ↔^ÁáÁ&↔{æ^Á\*→á´æÁ~|&â\Á\~Á^~}Á\âæ~ããã~\bÊÁ Uæ´~^ãÊÁ

^æ↔&ââ~ãbÁ~àÁQ|\åæãá^bÁ~|&â\Á\~Á←^~}Á}â~ÁQ|\åæãá^bÁáãæÁá^ãÁ}âá\Á\åæ]Á  
âæ↗æ{æËÁ Úâ↔ããËÁ~\åæãÁb↑á↗→Áb\ã|&&↗^&ÁQ|\åæãá^ÁáãæábÁ~|&â\Á\~Áâá{æÁ  
á´´æbbÁ\~Á´´~\æ↑\*~ãáã]Áâ↔b\~ã↔æbÁ~àÁb↔↑↔→áãÁb\ã|&&↗æbÁá^ãÁâ~}Á\åæbæÁ}æãæÁ  
↑æ\ËÁ Ô~|ã\åËÁ^~Áâ↔b\~ã]Á~àÁQ|\åæãá^↔b↑Á↔^ÁN↑æã↔´áÁ↔bÁ´´~↑\*→æ\æÁ}↔\å~|\Á  
á^Á|^åæãb\á^ã↔^&Á~àÁæá´áÁ~àÁ↔\bÁ´´~↑\*~^æ^\bÏÁ Rá↔^æÁ↔bÁ~^æÁ~àÁ\å~bæÁ  
´~↑\*~^æ^\bÁá^ãÁ↔\bÁQ|\åæãá^Áâ↔b\~ã]ÁáábÁ^~\Áâææ^Á\~→ãÁâææ\~à~ãæËÁ Rá]Á  
\å↔bÁâæÁáÁâæ&↔^↔^&ËÁ

NÁ}~ããÁ~àÁ\åá^←bÁ↔bÁ↔^Á~ããæãÁ\~ÁÑæ\\]ÁÖãá^\ËÁ℄~^^áAU\*æ´←↑á^^ËÁ  
Õ|↗æÁŞâ|&ËÁ℄æââ]ÁÔá↑↔↔\~^ËÁU\æ\*âæ^Áá^ãÁŞá\↔ÁÖãáà\bËÁ℄æææ↑æãÁQ|\åæãá^Á  
Oâ|ã´áÁ~àÁOá\*æÁÖ↗~áâæ\åËÁRá↔^æËÁá^ãÁ↑]Á}↔ææËÁ´á↔↔ããæ^Áá^ãÁ↑~↑ÏÁ }↔\å~|\Á  
\åæ↑Á\åæãæÁ}~|→ãÁâæÁ^~Á}ã↔\æ^ÁÔ↔b\~ã]Á~àÁQ|\åæãá^↔b↑Á↔^ÁRá↔^æËÁ Úâá^←bÁ  
á→b~Á\~ÁÖá^ÁÔæ↔^bÁ}↔\å~|\Á}â~↑Á\å↔bÁãæ&ãææÁ}~|→ãÁ^~\Ááá{æÁ&~\æ^ÁËcààÁ\åæÁ  
&ã~|^ãËÁ

Óáb\æãÁFíííÁ  
Ø^&~ÁËËÁ℄|\´↑á^^Á

ØSÚǾŠŒÛOÚØŠŠÁ

Ùáá\Áà~→~}bÁ↔bÁáÁ↑æãæÁb]^~\*b↔bÁ~àÁ\åæÁb\~ã]Á~àÁQ|\åæãá^↔b↑Á↔^Á  
Rá↔^æÈÁ Ø\Á↔bÊÁ ØÁâæ↔æ{æÊÁ áÁb\~ã]Á~àÁÑ↔â↔'á→]Ë↑~\↔{á\æäÁà|↑á^Áâæ↔^&bÁ  
}å~bæÁæàà~ã\bÁáá{æÁæ^ã↔'åæäÁ~|ãÁ~}^Á↔^Á\å↔bÁ^↔^\'åÁæ'áäæÁ~àÁ\åæÁÚ}æ^\'↔æ\åÁ  
Oæ^\|ã]ÈÁ ÚåæãæÁ↔bÁ áÁå↔b\~ã]Á\~ÁâæÁ→æäã^æäÁåæãæÈÁ ÚåæÁ↔↑\*~ã\á^\Á@|æb\↔~^Á  
↔bÁ}åæ\åæãÁ}æÁ'áäæÁ~ãÁÁá^\Á\~Á→æäã^Áäã~↑Á\åá\Áå↔b\~ã]ÈÁ  
R]Á\*|ã~bæÁ↔^Á\å↔bÁ}ã↔\↔^&Á↔bÁ{æã]Áb↔↑\*→æÈÁ Ô↔ãb\ÊÁ\~Á\æ→Á\åæÁ  
b\~ã]Áà~ãÁ\åæÁà↔ãb\Á \↔↑æÈÁ Uæ'~^äÊÁ\~Áæb\áâ↔båÁá^äÁ'~↑æ^\Á|\*~^Áâáb↔^Á  
äæ↑~&äá\*å↔'Áäá\áÁà~ãÁQ|\åæãá^↔b↑Á↔^ÁRá↔^æÁá^äÁ\~Á\*ã~{↔äæÁâã↔æäÁ~{æã{↔æ}bÁ  
~àÁæ{æã]ÁQ|\åæãá^Á'~^&æ&á\↔~^Á↔^ÁRá↔^æÁ\~Áäá\æÈÁ N^äÁ\å↔äãÊÁ\~Á↑á↔æÁb~↑æÁ  
~âbæã{á\↔~^bÁââ~|\Á\åæÁ\*äá'\↔'á→Áá^äÁ\åæ~→&↔'á→Áb\á\æÁ~àÁ\åæÁQ|\åæãá^Á  
äæ^~↑↔'á\↔~^bÁ↔^ÁRá↔^æÁæb\*æ'↔á→]Á}\↔\åÁæàæææ'æÁ\~Á\åæÁæb\áâ↔bå↑æ^\Á~àÁ  
\åæÁ^æ}ÁÓ{á^&æ↔'á→ÁQ|\åæãá^ÁOå|ã'äÁ~àÁN↑æã↔'áÊÁ ábÁ↔^Á↑á]Áãæ→á\æÁ\~Á\åæÁ  
Q|\åæãá^ÁOå|ã'åË↔bb~|ã↔ÁU]^~äÈÁ  
Q|\åæãá^↔b↑Á↔^ÁRá↔^æÁåábÁäæ{æ→~\*æäÁä|ã↔^&Á\åææÁä↔b\↔^'\ÁæäábÍÁ \åæÁ  
Öæ^'á^ÁÚå→ä~â~ã~ÁæãáÁäã~↑ÁFÍHFËFÎŒÇÌÁ \åæÁæãáÁ~àÁ&æ^æãá→Áæ\å↔^Á↑↔&äá\↔~^bÁ  
àã~↑ÁFÎÍFËFÎGFIÀ á^äÁ\åæÁæãáÁ~àÁ'~^b~→äá\↔~^Áá^äÁ^~^Ëæ\å↔^Á&ã~}\åÁäã~↑Á  
FÎIŒFÎÍÍÈÁ N→\å~|&áÁ\åæÁÚå→ä~â~ã~Á'~^&æ&á\↔~^Á}ábÁ\åæÁà↔ãb\ÁQ|\åæãá^Á  
~^æÁ↔^Áá→Á~àÁSæ}ÁÓ&→á^äÊÁ&ã~}\åÁåábÁâææ^Á\*á↔^à|→]Áb~}Á↔^Á\åæÁ↔^æãË  
{æ^↔^&Á}\~Áá^äÁ~^æËäá→àÁ'æ^\|ã↔æbÈÁ ÚåæÁãæáb~^bÁà~ãÁ\å↔bÁ\*á'æÁábÁ}æ→ÁábÁ  
\åæÁ\*ã~b\*æ'\bÁà~ãÁ\åæÁà|\|ãæÁ}↔→ÁâæÁäääãæbbæäÈÁ

# RÓÚÒŠŠŠQŠÖWÁ

ÚåæÁ↑æ\å~äÁæ↑\*→~]æäÁ↔^Á&á\åæ↔^&Á↑á\æ↔á→bÁà~äÁ\å→bÁæ^\æã\*ã→bæÁ  
 }ábÁää\åæÁb\ãá↔&á\Êà~ã}áääÌÁ\åá\Á↔ÊÁ&↔^&Á↔&á\Á\~Á\åæÁb~|ã´æÊÁ Ø^Á  
 \åæÁ\*áb\Á]æääØÁää{æÁää↔{æ^Ábæ{æää→Á \å~|bá^äÁ↑↔æbÊÁ↑ääæÁbæ{æää→Á  
 å|´ääæää´á→bÊÁ´~^ä|´\æäÁä~æ^bÁ~äÁ~äá→Áå→b\~ä↔æbÁá^äÁ↔^\æã{↔æ}bÊÁ á^äÁ  
 &á\åææää\å~|bá^äbÁ~äÁ↔\bÁ~äÁ↔^ä~ä↑á\↔~^Á{æääá→]ÊÁ\*å~\~&ää\*å↔´á→]ÊÁ  
 á^äÁ↔^Á}ã↔\æ^Áá^äÁ\*ã↔^\æäÁä~ä↑ÊÁ

N→Á\åæÁ\ää↔\↔~^á→Á↑æ\å~äbÁà~äÁ&á\åæ↔^&Á↔^ä~ä↑á\↔~^Á}æääæÁ↑\*→~]æäÊÁ  
 ÚåæbæÁ↔^´→|äääÁ{↔b↔\bÁ\~Á\åæÁ↔ää↔↔æbÁá\ÁÒää{äääÁ↔{↔↔\]Á U´å~↔↔ÊÁÑá^&~äÁ  
 Úåæ~↔~&↔´á→ÁUæ↑↔^ää]ÊÁÚåæÛ↔{æãb↔\]Á~äÁRá↔^æÁá\ÁŠ~^~ÊÁ\åæÛ↔{æãb↔\]Á~äÁ  
 U~|\åæ^ÁRá↔^æÁá\ÁŞ~ã\→á^äÊÁ\åæÁŞ~ã\→á^äÁŞ|å↔´ÁQ↔ääää]Áá^äÁ\åæÁÚå~↑ábÁ  
 Ræ↑~ã↔á→ÁQ↔ääää]Á↔^ÁOá\*æÁÓ↔~ääæ\åÊÁ N→b~Á\*æã|bæäÁ}æääÁ\åæÁÖ|↔↔æbÁ\~Á  
Şæã↔~ä↔´á→ÁQ↔\æää\|ääÊÁ\åæÁSá\↔~^á→ÁÛ↔~^ÁOá\á~&|æbÊÁ á^äÁ↔↔↔~&ää\*å↔æbÁ  
 á\*æ^äää\~Ábæ´~^ääã]Á}~ã←bÁ\~~Á^|↑æã~|bÁ\~Á↑æ^\↔~^ÊÁ Ñ]Áääää\åæÁ↑~b\Á  
 åæ→\*à|→Á}ábÁ\åæÁŞ~ã\→á^äÁ↔~↑Áá\Á\åæÁŞ~ã\→á^äÁŞ|å↔´ÁQ↔ääää]ÊÁå|\Áæ{æ^Á  
 \åææÊÁ↔^ä~ä↑á\↔~^Á~äÁáÁ\*ã↔↑ää]Á^á\|æääæ→á\æäÁ\~ÁQ|\åæää↔↔b↑Á↔^ÁRá↔^æÁ}ábÁ  
 ↑↔^↔↑á→ÊÁ Ø\æ↑bÁá^äÁ↔^\æã{↔æ}bÁ&á\åææääÁ↔ãæ'\→]Á~^Á→~´á\↔~^Áää{æÁâææ^Á  
 \åæÁâæb\Á\*ã↔↑ää]Áb~|ã´æbÁá→~^&Á}↔\åÁ^æ}b\*á\*æãbÁá^äÁ\åæÁÖ~|ã´á→Á~äÁ\åæÁ  
Sæ}ÁÓ^&→á^äÁQ|\åæää^ÁÒ↔b\~ã↔´á→ÁU~´↔æ\]ÊÁ

Úå↔↔æÁ\åææÁääæÁæ^\↔ææ{→|↑æbÁää~|\ÁOá\å~↔↔´↔b↑ÊÁRæ\å~ä↔↔b↑ÊÁO~^Ê  
 &ää&á\↔~^á→b↑ÊÁ á^äÁ\åæÁÑá\*↔↔b\bÁ↔^ÁRá↔^æÊÁ^~Á~↑\*ãæåæ^b↔{æÁ}~ã←ÁääbÁæ{æää  
 âææ^Áä~^æÁää~|\Á\åæÁQ|\åæää^bÊÁ Û↔\åÁ\å↔bÁábÁáÁ&↔{æ^ÊÁØÁää↔\Á↔\Á↔↑\*~ã\á^Á



\~Áá´´~↑\*→bǎÁbæ{xǎǎ→Á~â↓æ´\↔{æbÁ↔^Á\ǎæÁâ~ǎ]Á~àÁ\ǎæÁ\*ǎ\*æǎÈÁ Ô↔ǎb\ÊÁ\~Á  
 æb\áâ→bǎÁ\ǎæÁâǎ~ǎǎæb\Á\*~bb↔â→æÁ ǎæǎǎ↔^&Á→b\ÈÁ Uæ´~^ǎÈÁ\~Áæb\áâ→bǎÁáÁ  
 ^æ\}~ǎ←Á~ǎÁQ|\ǎæǎǎ^bÁ↔^ÁRǎ↔^æÈÁ àǎ~↑Áæǎ´ǎÁ~àÁ\ǎæÁà↔{æÁǎæ^~↑↔^ǎ\↔~^bÁǎæ\*ǎæÈ  
 bæ^\æǎÈÁ}ǎ~ÁǎǎæÁ↔^\æǎæb\æǎǎ↔^Á\ǎæÁǎ↔b\~ǎ]Á~àÁQ|\ǎæǎǎ^↔b↑ÁǎæǎæÁ^ǎÁ}ǎ~Á  
 }~|→ǎÁâæÁ}↔→→^&Á\~Ábæǎ{xÁábÁǎæb~|ǎ´æbÁà~ǎÁ\ǎ↔bÁá^ǎÁà||ǎæÁǎæbæǎǎ´ǎÈÁ  
 Úǎ↔ǎǎÈÁ\~Áb\á\æÁ\ǎæÁàǎ´\bÁábAb|´´↔´\→]ÁábÁ\*~bb↔â→æÁ}↔\ǎ↔^Á\ǎæÁ´~^\æ[\Á  
 ~àÁ\ǎæÁ&ǎæǎ\æǎǎǎ↔b\~ǎ]Á~àÁ\ǎæÁb\á\æÁ~àÁRǎ↔^æÁá^ǎÁ~àÁQ|\ǎæǎǎ^↔b↑Á↔^Á  
 N↑æǎ↔´ǎÈÁ N^ǎÁà~|ǎ\ǎÈÁ\~Áâæ&↔^ÁáÁ´~→→æ´\↔~^Á~àÁ\*ǎ~\~&ǎǎ\*ǎbÁ}ǎ↔´ǎǎǎæ\*ǎæbæ^\Á  
 æǎ´ǎÁQ|\ǎæǎǎ^Áb↔\æÁ↔^Á\ǎæÁb\á\æÈÁ  
 ÚǎæÁ~ǎǎ→Áǎ↔b\~ǎ↔æbÁ↑ǎǎæÁ↔^Á\ǎæÁ´~|ǎbæÁ~àÁ\ǎ↔bÁǎæbæǎǎ´ǎÁǎǎ{xÁâææ^Á  
 \ǎǎ^b´ǎ↔âæǎÁá^ǎÁ}↔→Áâæǎ ǎ|\*→´ǎ\æǎÁá^ǎÁb|â↑↔\|æǎÁ\~Á\ǎæÁO~´´~ǎǎ↔ǎÁO↔b\~ǎÈ  
 ↔´ǎ→ÁØ^b\↔\|æÁ↔^ÁU\ÈÁ Q~|↔bÈÁR↔bb~|ǎ↔ÈÁábÁ}æ→→Á ábÁ\ǎæÁSæ}ÁÓ^&→ǎ^ǎÁ  
 Q|\ǎæǎǎ^ÁO↔b\~ǎ↔´ǎ→ÁU~´↔æ\]Áá^ǎÁ\ǎæÁNǎ´ǎ↔{æbÁ~àÁ\ǎæÁSæ}ÁÓ^&→ǎ^ǎÁ↔b\ǎ↔´\Á  
 ~àÁ\ǎæÁQ|\ǎæǎǎ^ÁOǎ|ǎ´ǎÈR↔bb~|ǎ↔ÁU]^~ǎÈÁ N→→Á↑ǎ\æǎ↔ǎ→bÁ&ǎ\ǎæǎæǎ\~Áǎǎ\æÁ  
 ~ǎÁ↔^Á\ǎæÁà||ǎæÁ}↔→→ÁâæÁá{x↔↔ǎâ→æÁ\~Áǎ^]Á↔^\æǎæb\æǎǎ\*ǎǎ\↔æbÈÁ ÚǎæÁ  
 \*ǎ~\~&ǎǎ\*ǎ]Á´~→→æ´\↔~^Á↔bÁá→b~Á↔^Á↑]Á\*~bbæbb↔~^ÈÁ Ø\Á↔bÁ↑]Á↔^\æ^\↔~^Á\~Á  
 ´~^\↔^|æÁ\ǎæÁb\|ǎ]Á~àÁQ|\ǎæǎǎ^↔b↑Á↔^ÁRǎ↔^æÁá^ǎÁØÁ\*ǎǎ]Á\ǎ↔bÁæǎà~ǎ\Á ↑ǎ]Á  
 \*ǎ~↑\*\Á~\ǎæǎbÁ\~Áǎ~Á~××æ}↔bæÈÁ

{↔→→Á

OÒNŞÚÓǾÁǾ

ÚÒÓÁÓNǾQWÁÒØUÚŞǾWÁŞÔÁÚÒÓÁOÒÛǾOÒÁØSÁRNØSÓÁFIJ€ĤĖFÍH€Á

Ùàæ^Á\àæÁ&ãæá\ÁN↑æã↔´á^Áää{æ^\|ãæÁ~àÁbæ\→æ↑æ^\Áá^ääæb\↔^]Áâæ&á^Á  
~^Á\àæÁS~ã\àÁN↑æã↔´á^Á´~^\↔^æ^\Á\àãææÁâ|^ääæãÁá^ääæ↔&â\]Á]æáãbÁá&~ÊÁ↔\Á  
}ábÁ^~Á↔\àÁ~ãÁ↔^ÊÁæ´~^~↑↔´bÁ~ãÁæ^\æã\*ã↔bæÁ}ã↔´áÁã~|&â\Ábæ\→æãbÁ\~Á  
\àæbæÁbâ~ãæbÊÁâ|\Áâ]ÁÁääÁ→áã&æÊÁ↔\Á}ábÁáÁ]æáã↔^&Á\~Á}~ãbâ↔^Áääææ→]Áá^ää  
\~Áæ[\*æã↔æ´æÁ\*æá´æÁ}↔\àÁÖ~ãÊÁ S~\Á\áá\Á\àæÁ~\àæÁÁää´\~ãbÁ\*→á]æãÁ^~Á^áãHÁ  
â|\Á\àæ]Á}æãæÁbæ´~^ääã]ÊÁ Ø^ÁáÁ\*á↑\*â→æ^\Á\*|â→bâæãÁ↔^ÁQ~^ä~^Á↔^ÁFIJĖĖĖÁæ^Ė  
\↔\→æãÁÁÖ~ãÁSæ}bÁää~↑ÁŮ↔ã&↔^↔áÁgggÁÁÁ\àæãæÁ}ábĖ æ{æ^ÁáÁ\*→æáÁà~ãÁ\*æ~\*→æÁ  
Ä}â~Á↑á]Á{æ^\|ãæÁ\àæ→ãÁ\*æãb~^bÁâ↔\àæãÊÁá^ääÁææãæÁ^~\Á~^→]Ábæã{æÁÖ~ãÁâ|\Á  
âæ→\*æÁ\àæbæÁ\*~ãæÁØ^ä↔á^bÊÄ→Á

Uæ\→æ↑æ^\Áá´\↔{↔\]Á↔^Á CRá↔^æCÁ Çb~Á^á↑æãÁä|æÁ\~Á↔\bÁ→~´á\↔~^Á\*ã~Ė  
{↔ä↔^&Á\àæÁà~ãb\Áæ´~|^\æãÁ}↔\àÁ\àæÁÁ↑á↔^æÁÁ~àÁ\àæÁ´~^\↔^æ^\Á}àæ^Ábá↔→Ė  
↔^&Áää~↑ÁÓ|ã~\*æDÁâæ&á^Á@|↔´↔→]ÊÁ ÚàæÁà~ãb\Áà~ã↑á~Áãæ→&↔~|bÁbæã{↔^æÁ}ábÁ  
´æ→æããá\æãÁ~^ÁUá↔^ÁOã↔[ÁØb→á^ääÁ]ÁÔá\àæãÁS↔´â~→ábÁäCN|ãã↔^Á↔^ÁFIJ€ĤÁ}↔\àÁ  
Uá↑|æ→ÁãæÁOáá↑\*→á↔^Áâ↔↑bæ→äÁ↔^Áá\æ^ää´æĖ<sup>GÁ</sup> ÚàæÁ´~→~^]Á}ábÁ↑~{æãÁ  
á´ã~bbÁ\àæÁUá↔^ÁOã↔[ÁǾ↔{æãÁ\~ÁS~{áÁU´~\↔áÁ\àæÁ^æ[\Á]æáãÁä|æÁ\~Á\àæÁ  
\*æã´æ\*\↔~^Á\áá\Á\àæÁØ^ä↔á^bÁ\àæãæÁ}æãæÁää↔æ^ä→æãÊÁ Ø^ÁFIJ€ĤÁOã~ã&æÁ  
Ş~\*áá↑ÊÁ´~↑↑á^ä↔^&Á\àæÁbâ↔\*bÁ CÖ↔à\Á~àÁÖ~ãCÁ á^ää CRáã]Áá^ääÖ~ã^ÊCÁ

→}{↔→×á↑ÁŮääãæ^ÁU}ææ\ÊÁÚàæÁU\~ã]Á~äÁǾæ→&↔~^bÁ↔^ÁN↑æã↔´áÊÁ ÇSæ}Á  
W~ã←ÊÁÔää\*æãÁá^ääÑã~\àæãbÁŞ|â→bâæãbÊÁFIĖĖĖÁ\*\*ÊÁHIĖHIĖÁ

<sup>G</sup>Ǿ↔´ááããÁNÊÁ Øàæãã\ÊÁR~ãæã^ÁRá↔^æÊÁ ÇSæ}ÁW~ã←ÊÁQæ}↔bÁÖ↔b\~ã↔´á→Á  
Ş|â→bâ↔^&ÁO~ãǾFİFİFDEÁ\*ÊÁ ĤĖĖEÁ

æb\áâ→bæäÄRá⇌æCbÁà⇒äb\Á´~→~^]ÁÇá→b~Á\áæÁà⇒äb\Á´~→~^]Á⇌^ÁSæ}ÁÓ^&Ë  
 →á^äÈDĞÁ ÚáæÁPæ{æææ^äÁP⇌^ááääÁUæ}↑~|ää}ábÁá↑~^&Á\áæÁFGÇÁ´~→~^⇌b\áÁá^äÊÁ  
 \áæÁää]Áää\æäÁää⇒{⇌^&Á⇌^Á\áæÁSæ}ÁÛ~ä→äÊÁ´~^ä|´\æäÁ\áæÁà⇒äb\Ábæä{⇌^æÁ  
 ~äÁ\áæÁÓ^&→báÁÓà|ä´áÁ⇌^Áá→Á~äÁSæ}ÁÓ^&→á^äÈHÁ Úá⇌bÁ´~→~^]Áá→b~Áää⇌æäÁ  
 ⇌^Ábá~ä\Á~ääæäÊÁâ|\Á\áæÁ\*äæ´æäæ´æÁà~ääÄæ→&⇌|bÁbæä{⇌^æbÁäæ&|→ää→]Á  
 ´~^ä|´\æäÁäääÄææ^Ábæ\ÊÁá^äÁ\áæÁäæ´~ääÁ~äÁà|\\äæÁRá⇌^æÁ´~→~^⇌~ä\⇌~^Á  
 äæääbÁ\á⇌bÁ~|\ÊÁ

NÁ}~ääÁ⇌bÁ⇌^Á~ääæäÁáâ~|\Á\áæÁ^á|\äæÁ~äÁ\áæÁäæ→&⇌~^Áäâ~|&á\Á\~Á  
 \áæÁRá⇌^æÁbá~äæbÊÁ NbÈ}⇌\á↑~b\Á⇌^æ↑bÁää~|&á\Áâ]Á\áæÁ´~→~^⇌b\áÊÁ äæË  
 →&⇌~^Á´á↑æÁ⇌^Áä⇌b\⇌^´\→]ÁÓ|ä~\*æá^Áà~^bÏÁP~↑á^ÁÓá\á~→~^⇌b↑Áá^äÁ  
 Şā~\æb\á^⇌b↑ÊÁ ÚáæÁà⇒äb\Á}ábÁ⇌ææ\⇌à⇒áâ→æÁâ]Á\áæÁ\ää⇒⇌~^á→ÁQá\⇌^Á  
 ↑~äæÁ~äÁ}~äbá⇌^ÊÁ\áæÁbá]⇌^&Á~äÁ\áæÁRábbÊÁá^äÁáÁâ|↑á→æÁäæ{~\⇌~^Á\~Á\áæÁ  
 Ü~ä&⇌^ÁRáä]ÍÁ ⇌^Áää´\ÊÁÄRá⇌^æÁ⇌bÁ\áæÁ~^→]ÁSæ}ÁÓ^&→á^äÁb\á\æÁ}⇌\áÁÁ  
 Óá\á~→~^Áá⇌b\~ä]Áää~\æäÁäææ\*Á⇌^Á\áæÁ´~→~^⇌á→Á\*æä⇌~äÊÁÍÁ ÚáæÁæbbæ\⇌á→Á  
 àæá\|äæbÁ~äÁ\áæÁbæ´~^äÁ⇌^´→|äæäÁQ|\áæäCbÁbæ^bæÁ~äÁCÕ|b\⇌à⇒^á\⇌~^Áâ]Á  
 Ôá⇌\áÊCÁ\áæÁ´æ^\ää→\]Á~äÁ\áæÁU´ä⇌\*|\äæbÊÁ\áæÁÇŞä⇌æb\á~äÁ~äÁá→ÁâæË  
 →æ{æäbÊCÁá^äÁ\áæÁ^á|\äæÁ~äÁ\áæÁÓà|ä´äÈ<sup>W</sup> Ø^ÁÓ|ä~\*æÁ↑á^]Á\|ä^æäÁ\~Á\á⇌bÁ  
 äæà~ä↑á\⇌~^Á~äÁÓää⇌b\⇌á^Áâæ→æäÁá^äÁ\*äá´\⇌^æÁâæ´á|bæÁ\áæ]Áâæ→æ{æäÁ⇌^Á

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ĞRáä⇌~^ÁŎá´@|æbÁU↑⇌\áÊÁNÁŎ⇌b\~ä]Á~äÁRá⇌^æÍÁŎä~↑ÁÛ⇌~äæä^æbbÁ\~Á  
 U\á\áæ~~äÊÁ ÇŎäææ\*~ä\ÊÁRÓÊÁÚáæÁN~^äÁUäææ→}ä⇌&á\ÁŎ~↑\*á^]EAUæ´~äÁŞä⇌\⇌^&ÊÁ  
 FİIŦDEÁ\*ÊÁĞGEÁ

HŎæäæä\Á\*ÊÁ HÇĞÊÁ

I}⇌→→á↑ÁQæ~ÁQ|´æ]ÊÁUÈŎÈÊÁÚáæÁÓá\á~→~^ÁÓà|ä´áÁ⇌^ÁRá⇌^æÊÁ ÇŎäá^´æbË  
 \~}^ÊÁSŎÊÁRáäbáâ→ÁŎ~^æbÊÁFİIÍDEÁ\*ÊÁFÊÁ

<sup>W</sup>Ráä⇌^ÁNEÁ S~→~ÊÁSá\áá^ÁŞÊÁŎá\´áÊÁŎæ~ä&æÁREÁRáäbææ^ÊÁÇá{⇌áŎŎÊÁUæ→bÁ  
 á^äÁŎ~á^ÁÇÊÁÜ~~ää⇒ä&æÊÁŎá⇌\~äbÊÁŎæä↑á^CbÁŎá^äâ~~Á\~ÁŎää⇌b\⇌á^⇌\]Á⇌^Á  
 N↑æä⇌^ÁÊÁ ÇŎäá^äÁPá\*⇌äbÊÁFİIŦDEÁ\*\*ÊÁÍETEÁ

$\Leftrightarrow \hat{E}\hat{A} \} \hat{a} \Leftrightarrow \hat{x}\hat{A} \sim \backslash \hat{a}\hat{x}\hat{a}\hat{b}\hat{A}\hat{a}\hat{a} \sim * \backslash \hat{x}\hat{a}\hat{A} \Leftrightarrow \backslash \hat{A}\hat{a}\hat{b}\hat{A}\hat{a}\hat{A} \sim \wedge \{ \hat{x} \wedge \hat{x} \wedge \backslash \hat{A} \} \hat{a} \mid \hat{A} \sim \mid \backslash \hat{A} \sim \hat{a}\hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{b} \sim \uparrow \hat{a} \wedge \hat{A}$

$O\hat{a} \backslash \hat{a} \rightsquigarrow \hat{A}O\hat{a} \mid \hat{a} \sim \hat{a}\hat{E}\hat{A} \quad \emptyset \wedge \hat{A}N \uparrow \hat{x}\hat{a} \Leftrightarrow \hat{a}\hat{E}\hat{A}Q \mid \backslash \hat{a}\hat{x}\hat{a}\hat{A}\hat{a} \wedge \hat{a}\hat{A}O\hat{a} \rightarrow \{ \Leftrightarrow \hat{C}b\hat{A} \sim \wedge \{ \Leftrightarrow \backslash \Leftrightarrow \wedge \hat{b}\hat{E}\hat{A}$

$\hat{x}b * \hat{x} \Leftrightarrow \hat{a} \rightarrow \mid \hat{A} \sim \wedge \hat{x}\hat{a} \wedge \wedge \hat{A}\hat{b} \sim \hat{a} \Leftrightarrow * \mid \mid \hat{x}\hat{A}\hat{a} \wedge \hat{a}\hat{A} \backslash \hat{a}\hat{x}\hat{A} \sim \hat{a} \mid \hat{a} \sim \hat{a}\hat{E}\hat{A}\hat{A} \} \sim \mid \rightarrow \hat{a}\hat{A} \hat{a} \sim \mid \hat{a} \Leftrightarrow b\hat{a}\hat{A}. \quad . \quad .$

$\hat{a}b\hat{A} \wedge \sim \} \hat{a}\hat{x}\hat{a}\hat{x}\hat{A}\hat{x} \rightarrow b\hat{x}\hat{A} \Leftrightarrow \wedge \hat{A} \backslash \hat{a}\hat{x}\hat{A} \} \sim \hat{a} \rightarrow \hat{a}\hat{E}\hat{A}\hat{I}\hat{A}$

$\hat{U}\hat{a}\hat{x}\hat{a}\hat{x}\hat{A} \} \hat{x}\hat{a}\hat{x}\hat{A} \sim \hat{A}Q \mid \backslash \hat{a}\hat{x}\hat{a}\hat{a} \wedge \hat{E}\hat{b} \sim \uparrow \hat{a} \wedge \hat{A}O\hat{a} \backslash \hat{a} \rightsquigarrow \hat{A}\hat{C} \Leftrightarrow \hat{a} \sim \sim \& \mid \hat{x}b\hat{A} \Leftrightarrow \wedge \hat{A}U\hat{x} \{ \hat{x} \wedge \backslash \hat{x}\hat{x} \wedge \backslash \hat{a}\hat{A}$

$O\hat{x} \wedge \backslash \mid \hat{a} \mid \hat{A}R\hat{a} \Leftrightarrow \wedge \hat{x}\hat{E}\hat{A} \quad \hat{U}\hat{a}\hat{x}\hat{A}\hat{a} \sim \sim \hat{a}\hat{A} \sim \hat{a}\hat{A} \sim \wedge \hat{x}Cb\hat{A}\hat{a}\hat{x} \rightsquigarrow \& \Leftrightarrow \sim \wedge \hat{A} \} \hat{a}b\hat{A}\hat{a}\hat{x}\hat{a}\hat{x} \wedge \hat{a}\hat{x}\hat{a}\hat{A} \backslash \sim \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{a}\hat{x}\hat{a} \backslash \hat{a}\hat{E}\hat{A}$

$\hat{O} \Leftrightarrow \{ \hat{x} \wedge \hat{A}R\hat{a} \Leftrightarrow \wedge \hat{x}Cb\hat{A} \mid \wedge \Leftrightarrow @ \mid \hat{x}\hat{A} * \sim b \Leftrightarrow \Leftrightarrow \sim \wedge \hat{A} \sim \hat{a}\hat{A}\hat{a}\hat{x} \Leftrightarrow \wedge \hat{A} \Leftrightarrow \wedge \hat{A} \backslash \hat{a}\hat{x}\hat{A} \uparrow \Leftrightarrow \hat{a}\hat{a} \rightarrow \hat{x}\hat{A} \sim \hat{a}\hat{A} \} \hat{a}\hat{a} \backslash \hat{A} \} \hat{a}b\hat{A} \backslash \sim \hat{A}$

$\hat{a}\hat{x} \sim \sim \uparrow \hat{x}\hat{A}\hat{a}\hat{A} * \hat{a} \sim \sim \hat{a}\hat{a} \sim \backslash \hat{x}\hat{a}\hat{A}\hat{a} \wedge \hat{a}\hat{A} \mid \& \rightarrow \mid \hat{A} \sim \wedge \hat{a} \rightsquigarrow \backslash \hat{A}\hat{a}\hat{x} \} \hat{x}\hat{x} \wedge \hat{A}\hat{O}\hat{a}\hat{a} \wedge \hat{x}\hat{A}\hat{a} \wedge \hat{a}\hat{A}\hat{O} \wedge \rightarrow \hat{a} \wedge \hat{a}\hat{E}\hat{A} \Leftrightarrow \backslash \hat{A}$

$\} \hat{a}b\hat{A} \wedge \sim \rightarrow \mid \hat{A} \wedge \hat{a} \mid \mid \hat{a}\hat{a} \rightarrow \hat{A} \backslash \hat{a}\hat{a} \backslash \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{a}\hat{x}b * \hat{x} \wedge \{ \hat{x}\hat{A} \sim \hat{a} \mid \hat{a} \sim \hat{a}b\hat{A} \} \sim \mid \rightarrow \hat{a}\hat{A}\hat{a}\hat{x} \sim \sim \uparrow \hat{x}\hat{A}\hat{x} \uparrow \hat{a}\hat{a} \sim \Leftrightarrow \hat{x}\hat{a}\hat{A}$

$\hat{a}b\hat{A} \} \hat{x} \rightarrow \hat{E}\hat{A} \hat{a}\hat{x}b * \Leftrightarrow \backslash \hat{x}\hat{A} \backslash \hat{a}\hat{x} \Leftrightarrow \hat{a}\hat{A}\hat{a}\hat{x}b \backslash \hat{A} \Leftrightarrow \wedge \hat{a} \rightsquigarrow \wedge \hat{a} \Leftrightarrow \wedge \hat{b}\hat{A} \backslash \sim \hat{A} \backslash \hat{a}\hat{x}\hat{A} \sim \wedge \backslash \hat{a}\hat{a}\hat{a} \mid \hat{E}\hat{A}$

$\hat{U}\hat{a} \sim \mid \hat{a} \rightarrow \hat{x}\hat{A} \sim \wedge \hat{x}\hat{A}\hat{a}\hat{a}\hat{x} \} \Leftrightarrow \wedge \hat{A}\hat{a}\hat{a}b\hat{A}\hat{a}\hat{A} \} \hat{a} \mid \hat{A} \sim \hat{a}\hat{A} \sim \sim \backslash \hat{A} \} \hat{a} \Leftrightarrow \Leftrightarrow \wedge \hat{A} \rightarrow \sim \wedge \hat{A} \backslash \sim \hat{A}\hat{a} \sim \Leftrightarrow \hat{E}\hat{A} \quad \emptyset \wedge \hat{A}$

$F\hat{I}\hat{W}\hat{F}\hat{G}\hat{E}\hat{A} \backslash \hat{a}\hat{x}\hat{A}O\hat{a} \backslash \hat{a} \rightsquigarrow \hat{A}R \Leftrightarrow b\hat{b} \Leftrightarrow \sim \wedge \hat{A}\hat{a} \backslash \hat{A}R \sim \mid \wedge \backslash \hat{A}\hat{C}b\hat{x}\hat{a} \backslash \hat{A} \hat{C} \wedge \sim \} \hat{A} \backslash \hat{a}\hat{x}\hat{A}b \Leftrightarrow \backslash \hat{x}\hat{A} \sim \hat{a}\hat{A}N \sim \hat{a}\hat{a} \Leftrightarrow \hat{a}\hat{A}$

$S\hat{a} \backslash \Leftrightarrow \wedge \hat{a} \rightarrow \hat{A}\hat{S}\hat{a}\hat{a} \leftarrow D\hat{A} \} \hat{a}b\hat{A}\hat{a}\hat{x}b \backslash \hat{a} \sim \mid \hat{x}\hat{a}\hat{A}\hat{a} \mid \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{O} \wedge \rightsquigarrow \rightsquigarrow b\hat{a}\hat{A}\hat{a} \wedge \hat{a}\hat{A} \sim \wedge \hat{x}\hat{A} \rightarrow \hat{a} \mid \hat{E}\hat{a}\hat{a} \sim \backslash \hat{a}\hat{x}\hat{A}\hat{A} \} \hat{a}b\hat{A}$

$\Leftrightarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \hat{x}\hat{a}\hat{E}\hat{a}\hat{A} \quad \hat{U}\hat{a}\hat{x}\hat{A} \uparrow \sim \backslash \Leftrightarrow \{ \hat{a} \Leftrightarrow \sim \wedge \hat{A} \hat{a} \sim \hat{a}\hat{A} \backslash \hat{a} \rightarrow b\hat{A}\hat{a} \wedge \hat{a}\hat{A} \sim \backslash \hat{a}\hat{x}\hat{A}\hat{A}\hat{a}\hat{a} \Leftrightarrow \hat{a}b\hat{A} \} \hat{a}b\hat{A} \Leftrightarrow \{ \hat{a}\hat{a} \Leftrightarrow \hat{a}\hat{a} \rightarrow \mid \hat{A} \backslash \hat{a}\hat{x}\hat{A}$

$\sim \sim \hat{a} \rightsquigarrow \backslash \Leftrightarrow \wedge \hat{A} \rightarrow \hat{a} \Leftrightarrow \uparrow \hat{A} \backslash \sim \hat{A}R\hat{a} \Leftrightarrow \wedge \hat{x}\hat{A}\hat{a} \mid \hat{A}\hat{a} \sim \backslash \hat{a}\hat{A}\hat{O}\hat{a}\hat{x} \wedge \hat{a}\hat{A}\hat{a} \wedge \hat{a}\hat{A}\hat{O} \wedge \rightsquigarrow \rightsquigarrow b\hat{a}\hat{A} \uparrow \sim \hat{a}\hat{a} \sim \hat{a} \Leftrightarrow \hat{x}b\hat{E}\hat{A} \quad \emptyset \wedge \hat{A}$

$\backslash \hat{a}\hat{x}\hat{A}b \rightarrow \wedge \rightarrow \hat{x}\hat{A} \uparrow \sim b \backslash \hat{A} \hat{a} \rightarrow \hat{a} \uparrow \hat{a} \sim \mid \hat{a} \wedge \hat{A}\hat{a}\hat{x}b \mid \mid \hat{x}\hat{A} \sim \hat{a}\hat{A} \backslash \hat{a}\hat{a} \backslash \hat{A}\hat{x}\hat{a}\hat{a}\hat{I}\hat{A}$

$P \Leftrightarrow \wedge \hat{A}Q \sim \mid \Leftrightarrow b\hat{A}V\emptyset\emptyset\emptyset\hat{A} \& \hat{a} \{ \hat{x}\hat{A} \backslash \sim \hat{A}R\hat{a}\hat{a}\hat{a} \uparrow \hat{x}\hat{A}\hat{a}\hat{x}\hat{A}\hat{O} \mid \hat{x}\hat{a} \sim \hat{a}\hat{x}\hat{a} \{ \Leftrightarrow \rightsquigarrow \hat{x}\hat{A}\hat{a} \rightarrow \hat{A} \sim \hat{a}\hat{A}N \uparrow \hat{x}\hat{a} \Leftrightarrow \hat{a}\hat{A}\hat{a}\hat{x}\hat{E}$   
 $\backslash \} \hat{x}\hat{x} \wedge \hat{A} \backslash \hat{a}\hat{x}\hat{A}U \backslash \hat{E}\hat{A} Q\hat{a} \} \hat{a}\hat{x} \wedge \hat{x}\hat{A}\hat{a} \wedge \hat{a}\hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{O} \rightsquigarrow \rightsquigarrow \hat{a}\hat{a}b\hat{I}\hat{A} \hat{a} \wedge \hat{a}\hat{A}b\hat{a}\hat{x}\hat{E}\hat{A} \hat{a} \Leftrightarrow \hat{a}\hat{x}\hat{a}\hat{A}\hat{a} \mid \hat{A} \uparrow \Leftrightarrow b\hat{b} \Leftrightarrow \sim \wedge \hat{E}$   
 $\hat{a}\hat{a} \mid \hat{A} \sim \hat{x}\hat{a} \rightarrow \hat{E}\hat{A} b \sim \mid \& \hat{a} \backslash \hat{A} \backslash \sim \hat{A}\hat{a}\hat{a} \Leftrightarrow \wedge \hat{A}O\hat{a}\hat{a} \Leftrightarrow b \backslash \Leftrightarrow \hat{a} \wedge \Leftrightarrow \mid \hat{A} \backslash \sim \hat{A}\hat{a} \rightarrow \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{O} \wedge \hat{a} \Leftrightarrow \hat{a} \wedge \hat{b}\hat{A} \Leftrightarrow \hat{A}\hat{a}\hat{x}\hat{A}\hat{A}$   
 $\{ \hat{a}b \backslash \hat{A} \hat{d} \sim \uparrow \hat{a} \Leftrightarrow \wedge \hat{g}g\hat{g}\hat{A}^9$

$\hat{O} \rightsquigarrow \rightsquigarrow \rightsquigarrow \} \Leftrightarrow \wedge \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{a} \rightsquigarrow \sim \sim \hat{a}b\hat{x}\hat{a}\hat{A}\hat{a} \backslash \hat{A}R \sim \mid \wedge \backslash \hat{A}\hat{C}b\hat{x}\hat{a} \backslash \hat{A} \backslash \hat{a}\hat{x}\hat{A}b \backslash \hat{a} \mid \& \rightarrow \hat{x}\hat{A} \hat{a} \sim \hat{a}\hat{A}b \mid * \hat{a}\hat{x} \uparrow \hat{a} \sim \mid \hat{A}$

$\Leftrightarrow \hat{A}R\hat{a} \Leftrightarrow \wedge \hat{x}\hat{E}\hat{A} \backslash \hat{a} \sim \mid \& \hat{a}\hat{A} \} \Leftrightarrow \backslash \hat{a}\hat{A}b \sim \uparrow \hat{x}\hat{A} * \hat{x}\hat{a} \Leftrightarrow \sim \hat{a}b\hat{A} \sim \hat{a}\hat{A}\hat{a}\hat{x} \rightarrow \hat{a} \Leftrightarrow \{ \hat{x}\hat{A} @ \mid \Leftrightarrow \hat{x} \backslash \hat{E}\hat{A} \hat{a} \Leftrightarrow \hat{a}\hat{A} \wedge \sim \backslash \hat{A} \sim \hat{x}\hat{a}b\hat{x}\hat{A} \mid \wedge \hat{E}$

$\backslash \Leftrightarrow \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{O}\hat{a}\hat{x} \wedge \hat{a}\hat{A}b \mid \hat{a}\hat{a}\hat{x}\hat{a}\hat{x}\hat{a}\hat{A}\hat{a}\hat{x}\hat{a}\hat{x}\hat{a} \backslash \hat{A}\hat{a} \backslash \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{a}\hat{a} \wedge \hat{a}b\hat{A} \sim \hat{a}\hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{N}\hat{a} \Leftrightarrow \Leftrightarrow b\hat{a}\hat{A} \Leftrightarrow \wedge \hat{A}\hat{x}\hat{a}b \backslash \hat{x}\hat{a} \wedge \hat{A}$

$O\hat{a} \wedge \hat{a}\hat{a}\hat{a}\hat{A} \Leftrightarrow \wedge \hat{A}F\hat{I}\hat{N}\hat{G}\hat{E}\hat{A} \quad \hat{U}\hat{a}\hat{x}\hat{A} \Leftrightarrow \wedge \hat{x}\hat{a} \Leftrightarrow \uparrow \hat{A}\hat{a} \Leftrightarrow \hat{a}\hat{A}b\hat{x}\hat{x}\hat{A}b \sim \uparrow \hat{x}\hat{A} \uparrow \mid \mid \hat{a} \rightarrow \hat{A} \backslash \rightsquigarrow \hat{x}\hat{a}\hat{a} \Leftrightarrow \sim \wedge \hat{A}\hat{a}b\hat{A} \} \Leftrightarrow \backslash \hat{x}b\hat{b}\hat{x}\hat{a}\hat{A}$

$\hat{a} \mid \hat{A} \backslash \hat{a}\hat{x}\hat{A} \} \hat{a}\hat{a} \uparrow \hat{A}\hat{a}\hat{x} \wedge \hat{x} * \Leftrightarrow \sim \wedge \hat{A} \& \{ \hat{x} \wedge \hat{A} \backslash \sim \hat{A} \backslash \hat{a}\hat{x}\hat{A}\hat{O}\hat{x}b \mid \Leftrightarrow \backslash b\hat{A}\hat{a} \wedge \hat{a}\hat{A} \sim \backslash \hat{a}\hat{x}\hat{a}\hat{A}\hat{O}\hat{a}\hat{x} \wedge \hat{a}\hat{A} \sim \hat{a}\hat{a}\hat{x}\hat{a}b\hat{A}\hat{a} \mid \hat{A}$

$\hat{I}\hat{a}\hat{A} \Leftrightarrow \hat{a}\hat{E}\hat{A}\hat{A} * \hat{E}\hat{A} \quad \hat{I}\hat{a}\hat{A}$

$\hat{I}\hat{O}\hat{x}\hat{a}\hat{x}\hat{a} \backslash \hat{E}\hat{A} * \hat{E}\hat{A} \quad H \in H\hat{E}\hat{A}$

$\hat{I}\hat{a}\hat{a} \Leftrightarrow \hat{a}\hat{E}\hat{E}\hat{A} * \hat{E}\hat{A} \quad H \in H\hat{E}\hat{A}$

\aA\$|ã↔\á^Á\ãääãbÁá→~^&Á\ãA´~áb\ÊÁ U↔↑↔ãã→]ÊÁ\ãAÓ^&↔bãAæ^äæá{~ãÁ  
 \~Á´~^{\ã\Á\ãAØ^ä↔á^bÁ\~ÁO~^&æ&á\↔~^á↔b↑Á}ábÁãæb\*æ´\æãÁ\Á\ãAÔãæ^´áÁ  
 à~ãÁÁ\↔↑æÊÁ Wæ\Á}áãbÁä↔äÁæã|\*^Á↔^ÁF IJGÍĚGĜÁá^äÁF IJHĚIÁ\↔\á\ãAãæb|→\bÁ  
 bææ↑↔^&→]Á^~Á↑~ãæÁää{~ãää→æÁ\~Áæ↔\ãæãAb↔äæÁ\áá^Á âæà~ãæÁ\ãAà↔&á\↔^&Á  
 âæ&á^Ě F ĚÁ

Ě|ã↔^&Á\ãA]æääbÁ~àÁá→\æã^á\↔^&Á\~↔æää\↔~^Áá^äÁ}áääääæÁáá\*á\~\æã^Á  
 ~àÁãæ→á\↔~^bâ↔\*bÁ }↔\á\ãAØ^ä↔á^bÁ}ábÁãæ{æ↔~\*^&Á}á↔^´áÁ}ábÁ\~Áá{æÁáÁ  
 ↑á↓~ãÁ↔↑\*á^´\Á|\*~^Á\ãA↑↔bb↔~^áã]Áæà~ã\~bÁ~àÁâ~\áÁ´~|^\ã↔æbÊÁ ÚãAÔãæ^´áÊÁ  
 ↔\Ábææ↑bÁ}æãæÁ↑|´áÁ↑~ãæÁ}↔↔~^&Á\~Á↑↔^&→æÁ}↔\á\ãAØ^ä↔á^bÁá^äÁ\ãæá\Á  
 \ãA↑ÁábÁæ@|á→bÊÁ}á↔↔æÁ\ãAÓ^&↔↔bãA}æãæÁ↑~ãæÁá→~àĬÁãæbæã{æãÁá^äÊÁ~^Á  
 ~´´áb↔~^ÊÁä~}^ã↔&á\Áãæ´æ↔\à|F Ě→^Á ÛãA^Á\ãAÔãæ^´áÁá^äAØ^ä↔á^ÁÛããbÁâæ&á^Á  
 ↔^Áæãã^æb\Á↔^ÁF IJÍIÁ↔\Á´á↑æÁábÁ^~Áb|ã^ã↔bæÁ\áá\Á↑~b\Á~àÁ\ãAØ^ä↔á^Á^á\↔~^bÁ  
 á^äÁ\ã↔æbAb↔æãÁ}↔\á\ãAÔãæ^´áĜĚÁ

ÚãAæ↔æ\Áà↔&|ãA↔^Á\ãA\|ãâ|→æ^´\Á]æääbÁ}á↔^´áÁà~→~}æãÁ}ábÁ|^Ě  
 ä~|â\æã→]ÁUæääb\↔á^Ábáb→æÊÁ á→b~Á^~}^ÁábÁĚÔá\ãæãPá→æÊÁ}á~Áæb\áâ↔bãæää  
 á↔↑bæ→àÁá\ÁS~ãã↔ä&æ}~´↔^ÁF IJĤĚÁ ÔæÁ}ábÁà→|æ^´\Á↔^Ábæ{æãá~ÁØ^ä↔á^Á  
 ä↔á→æ´\bÊÁ á^Áæ[\ãã~ãã↔^áã]Á→æääæãÁá^äÁá↑↔bb↔~^áã]Á\Áããã\Ě F ĜÁ ÔæÁãæĚ  
 \*~ã\æã\~Áâ↔bÁb|\*æã↔~ãbÁ\áá\ÁĚ\ãA}á~↔æÁ^á\↔~^Á~àÁ\ãANâ^á↔↔bÁ↔bÁOãã↔b\↔á^Á

→ŠQ|´æ]ÊÁ\*\*ĚÁ IJĚĚÁ

→b↑↔\áÊÁ \*\*ĚÁ F GGĚF GĜĚÁ Ø\Á}ábÁ{↔ã\|á→|Á|^ãääãÁ~àÁà~ãÁá^Á  
 Ó^&↔↔bã↑á^Á\~Á↑ääã]Áá^ÁØ^ä↔á^ÊÁÔ~á^ÁU↑↔\ÁÁá^äÁS~´áã~^\'ábÁâæ↔^&ÁääãæÁæ[Ě  
 ´æ\*\↔~^bÊÁ N↑~^&Á\ãAÔãæ^´áÁ~^Á\ãA~\ãæãÁáá^äÊÁ↑ääã↔á&æÁ\~Áá^ÁØ^ä↔á^Á}ábÁ  
 äá{~ãää→]Áãæ&ääãæãÊÁ Š^æÁ~àÁ\ãA↑~ãæÁää↑~|bÁ↑ääã↔á&æbÁ}ábÁ\áá\Á~àÁ\ãA  
 Nãã~^ÁãAÓáb\↔^Á Čáà\æãÁ}á~↑ÁÓáb\↔^æÊÁRá↔^æÊÁ↔bÁ^á↑æãDÁ}á~Á^´á↑æãæ[ \*↔~^↔→|Á  
 \~Á↔{æÁá↑~^&Á\ãAØ^ä↔á^bÊÁ àæ→Á↔^Á~{æÁá^äÁ↑ääã↔æãÁ\ãAää|&á\æã~àÁUá´áæ↑Á  
 Ráã~´↔}á^ääÊÁ ĚÔ↔bÁ↔↔æÁá^äÁæ[á↑\*→æÁ↑ääæÁæáb↔æãÁ\ãA}~ã~Á~àÁ´~^{\æ\↔^&Á  
 \ãAØ^ä↔á^bÁ\~ÁOá\á~↔~^↔↑ĚÁĚÔ~á^ÁÛæääáÊÁ Sæ]ÁÓ^&→á^äÁÛ~ãbâ↔\*bÊÁ ÇSæ]ÁW~ã~ÊÁ  
 Pá^á~↑ĚÔ~|bæÊÁ FĤIJĚĚÁ \*ĚÁ GGĚĚÁ

F ĜQ|´]ÊÁ\*\*ĚÁ F GĚFGĚÁ ĄPáb→æÁÁá→b~Áb\*æ→æãÁĚPá→æÊÁ

ā^āā{āā|Ā~āā~|bĀ\~Ā\*|āb|āĀ\āā~āāāā~&~^ĒĒFGĀ Ū~\āĀ\āāĀŌ~&~bāĀ~Ē  
 \āāāb\āāĀ~^Āà|ā\āāāāā[\*~&~\~^&Ā\āāĀ^ā|āā~Āāāāb~|ā~ābĀ~āĀ\āāĀāāāāĀā^āĀ  
 Pāb~āĀ'~^{\~^āāĀ\āā\Āā~Ā~āĀRā~^āĀā~&ā\à|~>]Āāā~^&āāĀ\~ĀŌāā^'āĒĀ\āāĀ  
 b\ā&āĀ}ābĀbāĀĀ~āĀāĀ'~^à~\Ā}ā~^āĀ'~b\ĀŌ~&~bāĀbā\~>āābĀ~{āāĀ\Ū~ĒĒ~>{ābĒĒ  
 }ā~>āĀ~\Āāāāā~\~{~>]Āāāā|'āāĀ\āāĀŌ^ā~ā^Ā\*~\*|~ā\~^Ā~āĀRā~^āĀ\~Āāā'~↑āĀ  
 ↑āāāĀ}āāābĀ~āĀRābbā'ā|bā\~bĒ<sup>FHĀ</sup> ŪāāĀā~\~āāāā\*~b~āāĀ'ā↑āĀ\~Āā^Āāāā~|\*\Āā^āĀ  
 }āā^Āāāāā↑~|bĀāā~āĀ|\*~^ĀS~āā~ā&ā}~^←Āāāb|~>\āāĀ~^ĀPāb~āCbĀāāā\āāābĀ}ā~>ĀābĀ  
 \āāĀāā\*āā\|āāĀ~āĀŌā\ā~>~^b↑Āāā~↑ĀRā~^āĀ~āĀ\āāĀ^ā[\Ābā{ā^~\}Ēā~{āĀ  
 ]āāābĒ<sup>FĪĀ</sup> ŪāāĀ^ā\|āāĀ~āĀ\āāĀ'ā|ā'āĀ~^ĀRā~^āĀ}ābĀāāā~^ā~>]Ā'āā&āāābĀāĀ  
 āāb|~>\Āā^āĀ\āāĀ'~↑\*ā~>~^Ā~āāb~|~bĀāā'ā↑āĀ~^āāā~\}āā^Ā\āāĀŌā|ā'āĀ~āĀ  
 Ō^&~ā^āĀā^āĀ\āāĀ\$|ā~>\ā^bĀ~āĀ\āāRābbā'ā|bā\~bĀNā]ĀŌ~>~^]ĪĀ\āāĀ~ā\~āāāā{~^&Ā  
 \āāĀ~āā~|bĀāā&āā~^Ā\āāĀ'~^~\āb\ĪĀ

[illegible][illegible]
$$^F\check{G}\hat{O}\hat{x}\hat{a}\hat{x}\hat{a}\backslash\hat{E}\hat{A}^*\hat{E}\hat{A}\text{H}\in\text{H}\hat{E}\hat{A}$$

<sup>F</sup>H<sup>0</sup>œææã\ÊÁ\*ÈÀ H€<sub>1</sub> ÊÄ Š<sup>^</sup> æA0áãã→æbÄØÄ~àÄÓ<sup>^</sup>&→ä<sup>^</sup>äÄáãÄÄææ\*ÄäææáãæbÄ↔<sup>^</sup>Ä  
<sup>F</sup>JIHÎ ÊÄ\âæÄŠ\|â↔\ä<sup>^</sup>bÄ \|âæãÄOã~↑\æ→Ä\~↔Ä<sup>^</sup>~<sup>^</sup>\ä~→Ää<sup>^</sup>äÄ\|â↔<sup>^</sup>&\âæÄ\*æã↔<sup>^</sup>ÄÄ  
 FIJ<sub>1</sub> GE<sub>1</sub> IJI ÎÄ\âæÄb\ä<sup>^</sup>æÄ<sup>^</sup> ä↑æÄ\^ææÄÄ~<sup>^</sup>\ä~→Ä~àÄRábbä<sup>^</sup>ä\|bæ\\bÊÄ Ö\{æ<sup>^</sup>Ä\|↔\äÄ\âæÄ  
 äb<sup>^</sup>æ<sup>^</sup>äã<sup>^</sup>\|Ä~àÄOáãã→æbÄØÊÄ ä<sup>^</sup>äÄ\âæÄ↔<sup>^</sup>ä↔æ<sup>^</sup>~\|bÄ<sup>^</sup>→ä↑~äÄà~äÄÄ\|æÄÄ\ÄRábbäÊ  
<sup>^</sup>ä\|bæ\\bÄ\~ÄâæÄææ↑~\{æÄÊÄ\âæÄä~→äÄ~àÄ\âæÄŠ\|â↔\ä<sup>^</sup>bÄ~<sup>^</sup>ÄRä↔<sup>^</sup>æÄ→äb\æÄÄ\^\\↔<sup>^</sup>Ä  
 b\ä<sup>^</sup>\æä~~äÄ\|äbÄä↔<sup>^</sup>ä→\|Ä&äã<sup>^</sup>\æÄÄábÄ\*äã\Ä~àÄ\âæÄR↔bb~\|ä↔Ä<sup>^</sup>~↑\*ä~↑↔bæÄ~äÄFÎGEÊÄ  
 U↑↔\âÊÄ\*\*ÊÄ Î<sub>1</sub> ÊÎÎÊÄ

→U0æ^ã|ÁU'á|]→æãÊÁÄN\*~b\→æÁ~àÁ\ãæÁNâæ^á↔ÊÄÄ ÜáæÁ0á\á~↔'Á0èb\~ã→Ê  
 'á→Ábæ{↔æ}ÊÁ0ÁÇFİFEDIÁ\_FİĞFİHÈÄ

$$F_{IJS} \sim \rightarrow \rightarrow \hat{E} \hat{A} * \hat{F} \hat{A} \quad \check{G} \check{G} \hat{E} \hat{A}$$

'áá→æ^&æäÄâ]Ä\åæÁáää↔{á→Á~àÁbæ{æää→Á&ã~|\*bÁ~àÁU'~\ 'äËØää↔bâÁŞæbâ]Ë  
 \æã↔á^bÁ|^äæÄÄ\åæÁä↔ææ'\↔~^Á~àÁO~→~^æ→ÁÆá{↔äÁÆ|^ääääËÄ Òá{↔^&Áâææ^Á  
 á\*\*~↔^ \æäÄÄU|ä{æ}~äÁ~àÁ\åæÁP↔^&CbÁÛ~~äbÁá^äÄÖ~{æã^~äÁ~àÁ\åæÁŞ~{↔^ 'æÁ~àÁ  
 Öæ~ä&æËÄ á→b~Á' á→æäÁUá&ää~å~'ÄÄ Ç'~áb\á→ÁáääæáÁ↓|b\Á^~ä\åÁ~àÁŞ~ä\→á^äËÄ  
 \*ä↔^ '↔\*→æÁ'↔\↔æbËÄ Ñä|^b}↔'←Áá^äÄÑä\äDÄ↔^Á F ÍGÍÄâ]ÁP↔^&ÄÖæ~ä&æËÄ ØËÄÆ|^ääää  
 '~^äæbbæäÁá^äÄá^ \á&~^↔~æäÁŞ|ä↔\á^Á'~^ \ä~→Á à~äÁ\åääæÁ]æääbÁâæà~äæÁåæÁ]ábÁ  
 äæ\*ä↔{æäÁ~àÁå↔bÁ~à↔^ æbËÄ ä|æÁ↔^Á→ää&æÁ↑æáb|äæÁ\~Á\åæÁ↔^ \æ^bæÁ→~ää]↔^&Á  
 æàà~ä\ bÁ~àÁ\åæÁRábbá' á|bæ\ \bÁá|\å~ä↔\↔æbÁ↔^ÁÓ^&→á^äËFÍÄ Øã~^↔^ á→]ËÄ↔\Á  
 ]ábÁ~^æÁ~àÁ\åæÁ→æääæäbÁ~àÁ\å↔bÁæàà~ä\Á\~Äã↔äÁRá↔^æÁ~àÁÆ|^ääääCbÁ↔^à→|æ'æÁ  
 ]å~Á]ábÁ\~ÄâæÁ\åæÁ\*ä↔^ '↔\*á→Á\*→á]æäÁ↔^Á\åæÁæàà~ä\Á\~Äää↔^&Á\åæÁà↔äb\Á  
 Q|\åæää^bÁ\~Á\åæÁáääæáÍÄ Öæ^æää→ÁUá↑|æ→ÁÛá→ä~ËÄÖ~{æã^~äÄÑæ→'åæäCbÁå↔&åæb\Ë  
 äá^↔^&Á↑↔↔\ää]Ä~à↔^æäË F ÍÄ

Ú\~Á~\åæÄÄäæ↔↔↔~|bÁ&ã~|\*bÁb~|&å\Á\~Á↑á←æÁ↔^ã~ääbÁ↔^Á\åæÁb\*↔ã↔|á→Á  
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From this seed, planted by a man from Maine, all the Baptist Churches in the South developed, until the denomination became the largest and most powerful in that part of the country.<sup>20</sup>

Lest one leave this period of the development of the church in Maine with a distinct distaste for Puritanism (perhaps typified by H. L. Mencken's definition of a Puritan as "a person in constant dread that someone somewhere might be happy."<sup>21</sup> given its radical approach to establishing the church of God on earth, it may be well to mention among their many attributes the Puritans' devotion to family and community, their understanding of evil, God's grace and the complexity of human existence, and their deep and continual yearning for the things of the spirit.<sup>22</sup> In the pursuit of establishing the perfect church-state, it was readily acknowledged that fallible human beings could never hope to achieve this goal. Therein lay Puritanism's greatest paradox; trying to attain an unattainable goal. In the end, the 'Puritan Dilemma' was resolved by recognizing that the Massachusetts Bay Colony "could not longer hope to evangelize the world ... but that she could at least try to save the strangers whom God deposited on her shores."<sup>23</sup> Maine therefore had the good fortune to be just far enough from the center of Puritanism to avoid some of the excesses experienced further south. Maine was to see no

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<sup>20</sup> Ibid., p. 408.

<sup>21</sup> Noll, p. 31.

<sup>22</sup> Daniel J. Boorstin, The Americans; The Colonial Experience, (New York, A Caravelle Edition, Vintage Books, A division of Random House, 1958), pp. 29-31

<sup>23</sup> Edmund S. Morgan, The Puritan Dilemma; The Story of John Winthrop, edited by Oscar Handlin, (Boston, Little, Brown and Co., 1958), p. 189.



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CHAPTER II  
THE FIRST LUTHERANS AND THE FIRST LUTHERAN CHURCH  
IN NEW ENGLAND: WALDOBORO; 1741-1860

When General Samuel Waldo first contemplated bringing Saxon Germans to Maine, the American scene was undergoing radical changes. The fourth decade of the eighteenth century saw the advent of the "Great Awakening" with fiery itinerant preachers like Theodore Jacob Frelinghuysen, Gilbert Tennent, Jonathan Dickenson, and the great George Whitefield, conducting what amounted to the first evangelistic crusades from New England to Georgia.<sup>1</sup> During his New England tour of 1740, Whitefield got as far north as York, Maine, and daily addressed crowds up to 8,000 for a month straight.

It was probably the most sensational event in the whole history of American religion . . . There were hundreds for whom the sole important question had become 'What must I do to be saved?'<sup>2</sup>

It was not long before the American religious scene had become one of two camps; the 'New Lights' who favored the heady revival and the 'Old Lights' who "were shocked by the sight of ignorant men screaming damnation and of the masses of people wallowing in terror or ecstasy."<sup>3</sup>

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<sup>1</sup>William Warren Sweet, The Story of Religions in America, (New York, Harper and Brothers Publishers, 1930), pp. 110-114.

<sup>2</sup>Mark A. Noll, et al., editors, Eerdmans Handbook to Christianity in America, (Grand Rapids, 1983), p. 106.

<sup>3</sup>John M. Blum, et al., The National Experience, (New York, Harcourt Brace and World, Inc., 1963), p. 61.

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A layman, John Ulmer took up the work of establishing a church and, in 1743, a large log cabin had been built to serve as a church and a block house. This enterprise also met with disaster when the renewed French and Indian Wars saw a major attack upon Waldoboro in 1746 resulting in most of the German settlers being killed and the church destroyed.<sup>12</sup> From 1746-1748 there were no worship services at all.

The next major group of settlers, again inspired by Waldo, arrived from Saxony in November of 1748, having been told the same story about the homes and fields just waiting for occupants. This subtle, or not so subtle, misrepresentation of the prevailing conditions is confusing. Many Germans were eager to leave their homeland and certainly willing to endure most any hardship to do so. Why then this less than honest enticement to get them to come? The quality of the settlers certainly seems to indicate that they would have come even if they had been fully forewarned about the initial hardships they would face. So why did Samuel Waldo, an honorable man by all reports, provide unfounded inducements when they were not even necessary? Jaspar Stahl, the leading authority on Waldoboro, suggests Waldo was representing what he anticipated would actually be there'.<sup>13</sup> Ironically, precisely the same misrepresentation also prompted the Swedes a hundred and thirty years later to settle in maine and establish the Lutheran settlement of New Sweden.

<sup>12</sup>Marion Jacques Smith, A History of Maine, (Freeport, ME, the Bond Wheelwright Company, Second Printing, 1960), p. 180.

<sup>13</sup>stahl, Vol. I, p. 125.



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<sup>F</sup>Î\*á]^æÊÄ\*ÊÄ ÎÊÄ



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ÚáæÁâ ↔ b b | æ Á } á á ' á Á æ { æ ^ \ | á → \ ] Á \* ä ~ { æ ä Á \ ~ Á â æ Á \ á æ Á ä ~ } ^ ä á → Á ~ à Á \ á æ Á ' ~ ^ & ä æ È á & á \ ↔ ~ ^ Á } á b Á \ á á \ Á ~ à Á → á ^ & | á & æ È Á Ñ ~ \ á Á Q | \ á æ ä á ^ Á á ^ ä Á Á æ à ~ ã ↑ æ ä Á Ö æ ^ ^ á ^ b Á ↔ ^ b ↔ b \ æ ä Á ~ ^ Á Ö æ ^ ^ á ^ Á á b Á \ á æ Á → á ^ & | á & æ Á à ~ ã Á \ á æ Á } ~ ã b á ↔ \* Á b æ ä { ↔ ' æ È Á Ø \ Á \ á æ Á ↑ æ á ^ \ ↔ ↑ æ È Á á ^ Á ↔ ^ ^ ä æ á b ↔ ^ & Á ^ \ → → æ ä Á à Á b æ ' ~ ^ ä á á ^ ä Á æ { æ ^ Á \ á æ ä ä Á & æ ^ æ ä á \ ↔ ~ ^ Á Ö æ á ↑ á ^ b Á \* | b á æ ä Á à ~ ã Á â → È ~ ↔ ^ & | á → Á b æ ä { ↔ ' æ b Á } á ↔ æ Á á Á & ä ~ | \* Á ~ à Á \$ | ä ↔ \ á ^ b Á } á ~ Á | b æ ä Á \ á æ Á b \ ä | ' \ | ã æ Á à ~ ã Á \ á æ ↔ ä Á ~ } ^ Á } ~ ã b á ↔ \* Á } á ^ \ æ ä Á ~ ^ → \ ] Á Ó ^ & → b á Á | b æ ä È Á N \* \* ä æ ^ \ → \ ] È Á \ á æ Á Ö æ á ↑ á ^ Á \* á b È \ ~ ã b Á } æ ä æ Á } ↔ → → ^ & Á ↔ ^ Á b ~ ↑ æ Á ↔ ^ b \ á ^ ' æ b Á \ ~ Á ' ~ ^ ä | ' \ Á Ó ^ & → b á Á } ~ ã b á ↔ \* Á â | \ Á á \ Á \ á æ Á á ^ ^ | á → Á ↑ æ æ \ ↔ ^ & b Á ~ à Á \ á æ Á \ ~ } ^ È Á á æ → ä Á ↔ ^ Á \ á æ Á ' á | ã ' á È Á \ á æ Á Ö æ á ↑ á ^ b Á b \ ↔ → Á ~ | \ È ^ | ↑ á æ ä æ ä Á \ á æ Á \$ | ä ↔ \ á ^ b Á á ^ ä Á Ó ^ & → b á Á } á b Á < æ \* \ Á ~ | \ Á ~ à Á \ á æ Á C Ö æ á ↑ á ^ C Á b æ ä { ↔ ' æ b È G È Á

F Ì R á ä & æ Á Ö ä æ á á ^ È Á Š ä á → Á Ö ↔ b \ ~ ä ] È Á Ö | → \ ] Á G U È Á F Ì Î J È Á \* \* È Á F È G È Á  
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In large part, the entire extraordinary episode of moving the physical structure across the Medomak River to its present location several hundred vertical feet above the water's edge and a mile inland, was due to the language debate. Once the church was on the German side of the bay, a move was made to secure the services of the first full-time ordained pastor in the congregation's history (all others having been part-time or not ordained) and the key stipulation was that this pastor should not even have the ability to speak English.<sup>21</sup> They found such a man in The Reverend Friedrich Augustus Rudolphus Ritz, the first of the two great Lutheran pastors of Waldoboro, and a gentleman of the highest order. Thanks to his personal industry, charm, and charisma, the wounds with the English-speaking citizens and church members were lovingly assuaged and although he never did master the English language (and never could preach in it), the English membership of the church actually increased during his tenure.<sup>22</sup>

There is an interesting anecdote of the time relating to Ritz's lack of facility in English. There was an itinerant Congregational person by the name of Paul Coffin who kept a diary of his travels and thus provides a rare non-merchant and non-military glimpse of Maine at the turn of the Eighteenth Century. In 1796 he was in Waldoboro, "which," he wrote, "is a large town," and visited "Augustus Keets, minister of the Lutheran Church at Waldoborough." The misspelling of

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<sup>21</sup>payne, P. 7.

<sup>22</sup>stahl, pp. 189-194.

\åæÅ→áb\Á^á↑æÁ↑á\ÁâæÁæ[\*→á↔æãÁâ\Á\åæÁb\ãá^æÁ→~↔↔^&Á^á\*↔\→ ÁÄPÄÄ  
 ↔^ÄÖ~\å↔^ÄÖæ^^á^ÊÄ O~àâ↔^Á&~æbÁ~^Á\~Á\ã↔\æÁ\åá\ÁåæÁÄá^äÁ\åæÁ↑↔^↔b\æãÁ  
 áääÁá^Á↔^æãæb\↔^&Á^~^{\æãbá\↔~^ÎÄÄ CPææ\bcÁ↔^ÄÖæ^^á^Áá^äÁO~àâ↔^Á↔^Á  
 Öæãææ}Ê<sup>G</sup>ÄÄ

Ææb\*↔\æÁ\åæÁ^áã↑|^↔\]Áb\*↔↔↔\Á↔↑â\æãÁâ\Áb↔\ÊÄ á^äÁ&↔\æ^Áâ↔bÁ~â{\↔~|bÁ  
 →~{\æÁâ~äÁ\åæÄÖ~b\*æ→ÊÄ↔\Á\~|→äÁ^~\ÁâæÁ|^äá↔äÁ\~Ábá\Á\åá\Á\åæÁ^~^&äæ&á\↔~^Á  
 á\ÁÜá→ä~â~ä~Á\ábÁ^~\Áæ{á^&æ↔^á→Á~äÁ↑↔bb↔~^Ê↑↔^äæäÊÄ Ø^äææäÊÄ\åæÁ^~^Ê  
 &äæ&á\↔~^Á^æ{\æãÄä↔äÁá\æ↑\*\Á\~Á↑~{\æÁâæ\~^äÁ↔\bÁâ~äææbÁá^äÁ\å↔bÊÄ↔^Á\åæÁ  
 æ^äÊÄ á→b~Áâæ\*æäÁ\~Ábæá→Á↔\bÁää\æÊÄ Ñ\Á^~^äáb\ÊÄ\åæÁÑá\*\↔b\bÁá^äÁ  
 Ræ\å~ä↔b\bÊÄ\}å~Áä↔äÁ^~\Áäæá→\]Áæb\åâ↔báÁ\åæ↑bæ→{\æbÁ↔^Á\åæÁb\á\æÁ|^↔↔^Á  
 \åæÅ→áb\Áäæ^áäæbÁ~äÁ\åæÁÓ↔&á\ææ^\åÁOæ^\|ã\ÊÄ ä~|â→æäÁ\åæ↔äÁ↑Ê|^äæãbÁ↔^Á  
 \æ^Á\æããbÈ<sup>G</sup>HÄ

Ñ\ÁFÎFFÁb↔\~Á\ábÁ^~\Á^~→\]Á~→äÁâ\|Ábæ^bæäÁâ↔bÁ↔↑\*æ^ä↔^&Áäæä\åÊÄ N\Á  
 å↔bÁ|ä&↔^&ÊÄ\åäææÁ^áã↔bå↔~^æãbÁ\äá{\æ→æäÁ\~Áçæ^b}\{á^↔äÁ\~Áâ↔~äÁáÄæË  
 \*→á^æ↑æ^Á\}å↔^åÁ\åæ\]Ää↔äÁ↔^ÁÜåæÁbæ{\æææ^äÁÖ~ää^ÁÜ↔↔åæ↑ÁU\á^ä^ä^ÊÄ  
 Üå↔↔æÁ\åæ\]Ä\æãæÁ&~^æÊÄ\åæÁ\*áb\~äÁ\}↔\åÁ\åæÁåæä\Á~äÁ&~→äÁä↔æäÊÄ ÖæÁ↔↔æbÁ  
 â|ã↔æäÁ^æ[\Á\~Á\åæÁ^á|ã^åÊÄ Rää&æÁÖäææ↑á^ÊÄ~^æÁ~äÁ\åæÁ^|äá\~äbÁ~äÁ\åæÁ

<sup>G</sup>Ĝ b↑↔\å ÊÄ\*ÊÄ<sup>G</sup> ÎĜ ÊĜ ÎĖ ÊÄ

<sup>G</sup>Höæ^ã\ÁÜÊÄ Ñ|ääá&æÊÄ Ö↔b\~ã\Á~ääÑá\*\↔b\bÁ↔^ÁRá↔^æÊÄ ÇŞ~ã\→á^äÊÄRÓÊÄ  
 Rää~bÁŞã↔^↔^&ÄÖ~|bæÊÄ FÎCHDEÄ \*FA ÎIEÄ ÜåæAâ↔åb\A\æããAâ~äÁ\å↔^åÁâ↔&|äæbÁ  
 áääæÁ&↔\æ^Ábá~\]ÁÍÁ↑↔^↔b\æãbÊÄ ÎÁ^á|ã^åæbÊÄ á^äÁHÎEA↑æ↑âæãbÁ↔^ÁFÎÎIEÄ Ñ\Á  
 FÎÎIEÄ\åæãæÁääæÁFHÁ↑↔^↔b\æãbÊÄ FJÄ^á|ã^åæbÊÄ á^äÁFHGEÄ↑æ↑âæãbÊÄ ÜåæÁ  
 ↑æ↑âæãbå↔^Áâ&|äæAâ~äÁFÎÎIEÄ↔bÁGEÏGGÄ ÇŞÄ HHÍDÄ á^äÁ\å↔bÁäæ\*ææbæ^\bÁ\åæÁ  
 æ^\↔äæÁ↑æ↑âæãbå↔b\*Á~äÁ\åæÁQOËRUÄ↔^Áá→Á~äÁSæ\}ÁÓ^&→á^äÁ↔^ÁFÎÎIEÄ U~Á\}å↔↔æÁ  
 Üå→ä~â~ä~Á^á↑æÁá^äÁ\æ^\ÊÄÑá\*\↔b\bÁá^äÁRæ\å~ä↔b\bÁá^äÁP~↑á^ÁOá\å~↔^bÁ  
 ^á↑æÊÄ b\á\æãÁá^äÁ\*â~b\*æãæäÊÄ U↔↔&á\→\]Á~{\æãÁää→äÁ~äÁá→Á^á|ã^åÁ↑æ↑âæãbÁ↔^Á  
 Rá↔^æÁääæÁP~↑á^ÁOá\å~↔^ÊÄ ÄØäääæ↔↔~^Äcan b\}á\]Á\åæÁ\~\æãÊÄ\åæ^Á  
 Oá\å~↔^↔b↑Á\}↔^bÁää^äbÁä~\}ÊÄÄ Ş~ã\→á^äÁŞäæbbAÖæä→äÊÄ<sup>G</sup>HÄS^\~äæãFÎÎIEÄ

church in Waldoboro, says;

This is interesting. They went by boat (to Pennsylvania) and one of these men put in a bill for three hundred dollars. Reverend Starmann came from Pennsylvania by boat for twenty-three dollars.<sup>25</sup>

There was apparently also some drama given Stannann's bachelor status. The congregation picked three women for him to interview, hoping he would choose one to be his wife. The first of the three met with his favor, he asked her to marry him, the other two interviews were cancelled and that was the end of that.<sup>26</sup>

Starmann lived up to his name in many and sundry ways. He was a powerful preacher, a loving father and devoted husband, a champion of education, and a true friend of the parish. Under his encouragement, one-room school houses were established all over the region and by the middle of the nineteenth century there was an eight-grade school system which owed its very existence to his determination and enterprise.<sup>27</sup> Reading was taught in the old-fashioned way; right from the Bible. This learning would then be reiterated in Sunday School and finally pronounced as Gospel in the sermon.<sup>28</sup> Starmann's name is well-known and revered in Waldoboro to this day. He spent the last forty-three years of his life in a parish that was dying. He literally gave his life to save it but he could not. If he had a failing, it was that his English was poor and although he attempted to preach in English in later years, it never really suited him. When he passed away in 1854 after a protracted illness, the spirit of the congregation that was left seemed to

<sup>25</sup>freeman, p. 3.

<sup>26</sup>bid., p. 3.

<sup>27</sup>stahl, pp. 218-220.

<sup>28</sup>Freeman, p. 4.

\*ábbÁÁ}á|Á}↔\áÁ↔↑ĒÁ Uæ{æā→Á àææ→æÁá\æ↑\*\bÁ}æāæ↑áāæ\~Ábæ'|āæ\áæ  
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 ā|'\æābæā{↔\æÁ}ábÁāæ→ā↔^ÁFÎĪĪá^āĀ]ÁFÎĪĒ\áæ→áb\Á~à\áæ'á|ā'á  
 ~ā&á^↔\á\↔~^Ááāā'æábæā\~Áà|'^\↔~^Áá\~&æ\áæĒĒĒÁ Úáæā→āb\Á&āæ\Áæāā  
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 āæ↑á↔^&Á\*āā↔bā↔~^ābÁĀb~|&á\Á\áæāāb\*↔ā↔|á→Áá^āāā↔&↔|bÁ^æābÁ↔^Á  
 \áæĀO~^&āæ&á\↔~^á→Á'á|ā'áĀĒĒ↔^ÁÓ^&↔bāĀ Ğ ĒÁ

ÚáæÁ~^→]ÁQ|\áæā@ĒĒĒÁ'á|ā'á↔^ÁRá↔^Áāāāā'~bæā↔\bÁā~ābÁá^ā↔\Á  
 }~|→āĀāæÁá~\áæāæ→æ{æ^Á]æāābÁá^āāāā~ā]ÁO↔{↔Úāāā↔^Áāæ\}ææ^Áāæ~āæÁ  
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Şáb\~āĀŌāæā↔^ÁSæ|Á~āÁÚá↔^ÁN^b&āā↔^ÁŞ~ā\→á^ā↑æ^↔~^bÁ↔^Áā↔bÁ  
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GĪb\áā→ĒÁ \*ĒÁ GGGĒGGĒĒÁ

Ğ ĒŞá]^æĒÁ\*ĒÁ ĪĒÁ

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 Şā↔^↔^&Ēāā↔^æĒÁÚábā↔^&\~^ĒÁĒĒĒ Ō↔&|āæbÁbā~}ÁRá↔^æÁ}↔\áāÁ\~\á→  
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 b\á\æDÁ}↔\á\á\áæ→āā&æb\Á\~^Áāæ↔^ÁĀŌ~āā↑Áá^āU'āā~ā~|&āĪĒĒĒĒĒ Ūá→ā~Ē  
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ä~|â\ĀâæĀ\ăăææĀ\↔↑æbĀábĀ↑á^]ĀQ|\ăæăă^Ā´~^&ăæ&ă\↔~^bĀ↔^ĀRă↔^æĀ\~ăă]ÈĂǺĜĂ  
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ǺG~ăă→Āð↔b\~ă]Ā~àĀşáb\~ăĀôăæăăă↔'←ĀSæ|ÊĀN|&|b\ĀGGĒĂ FİÎNĒĂ



GĚÁ

\&A~\*æ^↔^&A~àA\&AÁU|æ~ÁOá^á→ÁÁ^äÁ↑|´äÁ~àÁÓ|ã~\*æÁá\Á}áãÈGÁ

On \äÁ^á\↔~^a→Äã↔↔&↔~|bÁb^æ^æÄ}↔\äÁ\äæÄ~↔~ä↔æb\Ä}äãÄ↔^ÄÛ^↔\æäÄ  
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 \ã|→]ÄÖäã↔b\↔ä^ÄN↑æã↔^äÄ}~|→äÄæ↑æä&æÄÄ\$ã~\æb\á^↔b↑Ä}ábÄæ^↓~]↔^&Ä↔\bÄ  
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 Š|\}äãä→]Ä\$ã~\æb\á^↔b↑Ä^ä~b\*æäæäÄÄ|\Ä↔^}äãä→]Ä↔\Ä}ábÄb|àà~^á↔^&Ä~^Ä↔\bÄ  
 own b|\'æbbÄÄ Ø\Ä|ábÄ^äã\↔^|→äã→]Ä\ä|æÄ↔^Ä\$æ|ÄÖ^&→á^äÄÄ

[illegible]

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 Ûæãæãb↔`à\æ^ÊÁFIEĖFIEĖĖĖĖĖ ĆR|↔`áÊÁÕã`b\ÁPæ↔^ááã\ÁÛæã→á&ÊÁFIIĖDĖÁ\*\*ĖÁĖĖĖÁ  
 ĨĖĖĖ FĖĖĖĖ

$\begin{array}{c} \text{ĞRáã-ÁÑĖÁ S} \rightarrow \text{ÊÁ æ\á} \rightarrow \text{ÊÁ æã\} \sim \text{ãbÊÁ Óæää↑á} \text{CbÁÒá'ää} \sim \sim \text{Á}\backslash \text{ÁÓää} \rightarrow \text{b}\backslash \rightarrow \text{á'}\backslash \text{JÁ} \\ \rightarrow \text{ÁÑ↑æã} \rightarrow \text{'áÊÁ ÇÓää'ääĦá*} \rightarrow \text{ãbÊÁ FİİĞDEÁ *ÊÁ ĠİĠÁ \end{array}$

$$\underline{H\hat{a}\leftrightarrow\hat{a}E\hat{E}\hat{A}}*\underline{F\hat{A}}\ G\hat{I}\in\hat{A}$$



Ø↑\*~ã\á^ÁábÁ\âææÁàá'\~ãbÁ}æãæÊÁâ~}æ{æãÊÁ\âæÁâæ↑á^âbÁ|\*~^Áá^ää  
 æ[\*æ'\á\↔~^bÁ~àÁ\âæÁU'á^â↔^á{↔á^Á↔^↑↔&ãá^bÁ}æãæÁ^~\Á^æãá→]Áb~Áããá↑á\↔ÊÁ  
 Úâæ]Á'á↑æÁà~ãÁ\âæÁ\~\*~&ãá\*â↔^á→Á~\*æ^æbbÁ\~Á\âæ↔ãÁâæb\*æ'\↔{æÁâ~↑æ→á^âbÊÁ  
 à~ãÁàãææ~↑Á~àÁ}\~ãbâ↔\*Áá^ääà~ãÁá^Á~\*\*~ã||^↔\]Á\~Áãá{æÁâ~↑æbÊÁàãá↑bÁá^ää  
 â|b↔^æbbæbÁ~àÁ\âæ↔ãÁ~}^ÊÁ Úâæ]Á}æãæÊÁá^ääãæÁá\á→æ^æãÊÁâæ\æ^↔^æãÁá^ää  
 æ^æã&æ\↔^Á\*æ~\*æÏÁá^ää~^æÁ↔bÁb\ã|'←Áâ]Á\âæÁâæ→á\↔{æÁæábæ}↔\âÁ}â↔^á  
 \âæ]Á}æãæÁâæ'æ↔{æãÁ↔^~\~\âæÁàããã↔^Á~àÁRá↔^æÁ~àæÁá^ää↔^á|b\ã]ÊÁ Úâ↔bÁ↔bÁ  
 ^~\Á\~Ábá]Á\âá\ÁU'á^â↔^á{↔á^bÁ}æãæÁá→}á]bÁ&ãææ\æãÁ}↔\âÁ~\*æ^Áá^bÁâ|\Á\âæ]Á  
 àããæÁàãããæ\æãÁ\âá^Á\âæ↔ãÁb~↑á^ÁOá\â~\*^Á'~|\æã\*ãã\biÁ

ÚâæÁÄP^~}ËS~\â↔^&ÁÁ\*ãã\]ÊÁ\âæ^Áb\↔↔^Áá'\↔{æÊÁb~|&â\Á\~Áãã~|bæÁ\*|â~\*^Á  
 bæ'\↔^æ^Á&ã↔^b\Áà~ãæ↔^æãbÁá^ääOá\â~\*^bÁ~^Áá→æ&æÁ\*á\ã↔~\↔^Á  
 &ã~|~âbÊÁ ÚâæÁOá\â~\*^ÁOá|ã'âÁÁ\ÁÑá\âÁ}ábÁâ\ã^æãÊÁ N\ÁO→b|~ã\âÊÁ  
 Ôá\âæÁÔ~â^ÁÑá\*b\Á}ábÁ~ããæãæÁ~|\Á~àÁ\~}^ÏÁ\âæ^ÊÁ|\*~^Áâ↔bÁâæ\ã^ÊÁ  
 âæÁ}ábÁ\ãããæÁá^ääâæ\âæãæÁá^ääâ↔ãæ^Á~|\Á~àÁ\~}^Á~^ÁáÁãã↔^Á Ø^Á  
 Ñá^&~ãÁ\âæÁ\ã~ã↔^æbÁâæà|bæãÁ~^Á\*æã↑↔^Áá^á|ã'âÁ↔^ÁU\á\æÁU\ãææ\ÊÁ  
 á→\ã~|&á\âæ~âb\á^→æbÁ}æãæÁ\Á~æ^&\âÁ~{æã'~↑æÁ\âææÁá^ää\âæÁ~|^ääÊ  
 \↔~^bÁ~àÁU\ÊÁ Ô~â^CbÁ}æãæÁ→á↔ãÁ\~âæãÁFGÊÁ FÏIJEÁ Ø^ÁQæ}↔b\~^Á\âæ  
 Oá\â~\*^bÁâ~|&â\Áá^Á~→ãÁÑá\*\↔b\Á'á|ã'âÁá^ää↑~{æãÁ↔^Á5~ÁáÁ^æ}Áb↔^æÁ~^Á  
 Q↔^~^ÁU\ãææ\ÊÁ}âæãæ↔^Á}ábÁâ|ã^æãÁ\Á↔^æ^â↔ãã↔æbÊÁ

ÚâæÁb\~ã]Á~àÁU'á^â↔^á{↔á^ÁQ|\âæãá^↔b↑Á↔^ÁRá↔^æÁâæ&^bÁ}↔\âÁáÁ↑á^Á  
 }â~Á}ábÁ^~\Áæ{æ^ÁáÁQ|\âæãá^ÊÁâ|\Á}â~bæÁâ↔æ'\Á↔^{\~→{æ↑æ^Á↔^Á\âææ^æãÊ  
 \*ã↔bæÁ~àÁâ~|^â↔^&ÁSæ}ÁU}æãæ^ÊÁRá↔^æÊÁ↔^b|ãæãÁ\~bÁb|'æbbÊÁÛ↔↔↔á↑Á  
 Û↔ã&æã]ÁÚâ~↑ábÁ}ábÁáÁ^á\↔{æÁ~àÁS~ã\→á^ääÁ^ääâ↔b\↔^&|↔bâæãÁâ↔^bæ→àÁâ]Áâ↔bÁ  
 bæã{↔^æÁábÁÑãããã↑ÁQ↔^~^→^CbÁUæ'ãæ\ãã]Á~àÁÛããÊÁ Ô~→~}↔^&Á\âæÁO{↔^ÁÛããÁ  
 âæÁ}ábÁá^\*~↔^æãÁ\~Ábæã{æÁábÁÑ↑æã↔^áCbÁá↑âábãã~ãÁ\~ÁU}æãæ^ÊÁá^ääb~^Á  
 äæ{æ~\*æãÁáÁb\*æ'↔^Áãæ&ãããÁ~ãÁ\âæÁU}æã↔bÁÁ\*æ~\*→æËIÁ

Ø^ÁRá↔^æÊÁ↑æá^}â↔^æÊÁ\âæãæ}ábÁáÁ&ã~}↔^&Á↔^æãæb\Á↔^Áãæ{æ~\*↔^&Á↔^bÁ  
 ^~ã\âæã^Áãã~^↔^æãÊÁ Úâ~↑ábÊÁãæ'á→\*^&Áâ↔bÁ\ãã{æ→bÁ\ãã~|&á\âá\Á\ãæ↑æ^â~|bÁ

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IÞ↔^áãããÁÑÊÁ Ôæææ\ÊÁR~ãæ↑ÁRá↔^æÊÁ ÇSæ}ÁW~ã^ÊÁQæ}↔bÁÔ↔b\~ã↔^á→Á  
 §|â~\*^bâ↔^&ÁO~ÊÊÁ FÏIFDÊÁ \*ÊÁ HFIA

IJ~ãá~ÁÔ↔b\~ã]ÊÁÔ|b\ããÁÑã~\*^ÁQ|\âæãá^ÁOá|ã'âÊÁÔ|→]ÁGÊÁ FÏIJEÁ \*ÊÁ GÊÁ

}↔äæã^æbbÁ´á→æäÄÄNã~~b\~´←ÄÄ↔^Á\*ãæ{↔|bÁ]æääbÊÄ á^ääÄæ´~&↔↔^&Á\áæÄ  
 b↔↑↔→áäÄ\~\*~&äá\*á]ÊÄ}æá\áæäÄá^ääb↔→Á´~^ä↔↔~^bÁâæ\}ææ^Á↔\Áá^ää↑~b\Á~àÄ  
 U´á^ä↔^á{↔ÊÄæ^´~|ää&æäÄ\áæÄb\á\æÄ\~Á&ää^ÁÄÄ\~}^bâ↔^Á\~Á\áæÄ\*æ~\*→æÄ~àÄ  
 U}ææ^ÊÄ Úâ↔bÁRá↔^æÄä↔äÄ&→áä→]ÊÄ á→~^&Á}↔\áÄ\*ä~↑↔b↔^&Áàæä\↔→æÄ´→æääæäÄ  
 à↔→æäbÁá^ääÄ~↑æbÁá→ææää]ÁÄ|↔→\Áá^ääÄæää]Áà~äÄ~´´|\*Á]ÊÄ Ú↔\áÄb|´áÄá^Á  
 æ^↔↔^æ↑æ^ÊÄÚâ~↑ábÁáääÄ↔↔\↔→æÄä↔àä↔´|↔\]Áà↔^ä↔^&Á\*æ~\*→æÄ\~Áá\*\*→]Áà~äÄ  
 \*ábbá&æÊÄ Ú~Äâ↔bÁ´äæä↔\Á Çá^ää↔^Áb\áä↔^Á´~^äáb\Á\~ÄÖæ^æää→ÁÚá→ä~DÊÄ  
 Úâ~↑ábÁá´´~↑\*á^↔æäÄ\áæÄà↔à\]Ë~^æÄ↔^↑↔&ää^bÁ\*æäb~^á→]ÊÄ á^ääÄää↔{æäÄá\Á  
 Uá↔^ÁÖ~â^ÊÄSæ}ÄNã|´b}↔↔ÊÄOá^ääáÊÄ↔^Á\áæÄ→á\æÄU\*ä↔^&ÁFÍÍÊÄ NÁ↑~^áÄ→á\æäÄ  
 \áæ]Ááää↔{æäÄâ]Á~[æ^Á\ää↔^Áá\Á\áæÄb\æÄ~àÄ\áæÄ\*äæbæ^Á´~↑^|↔↔\]Áá^ääÄæ→äÄ  
 \áæÄà↔äb\Áäæ↔↔↔|bÁbæä{↔↔æÌÁ áÄà|æää→Áà~äÄ~^æÄÖ↔↑áÄO→ábæÊÄ O~^äää]Á\~Á  
 \áæÄ\*ä~↑↔bæbÁ&↔{æ^ÊÄ\áæÄU}æäæbÁà~|´ää^Á´→æääæääà↔→æäbÊÄ á^ää^~Äääáä]Ë↑áääÄ  
 á~↑æbÊÄ Ô~ä|´á\æ→]Á\áæ]Ááää↔{æäÄæää→]Áæ~|&áÄ↔^Á\áæÄ]æää\~Áá{↔↔äÄáá{↔^&Á  
 \~Á↔{æÄ\áä~|&áÄ\áæ↔äÄ~}^Á{æäb↔~^Á~àÄ\áæÄÚá→ä~â~ä~Á´á\áb\ä~\*áæÄä|ä↔^&Á  
 Çá{æÄÖ~→\~ä~\*~→æCbÁ\↔↑æÊÄ Þæ&|→áääÁQ|\áæää^Ábæä{↔↔æbÁ´~^ä|´\æäÄâ]ÁSæ}Á  
 U}ææ^CbÁà↔äb\Á~ääá↔^æäÄ\*áb\~ääÄæ&á^Á↔^ÁÖ|´æÄ~àÄFÍÍFÊÄ Ñ]ÄN|&|b\Á~àÄ\áæÄ  
 bá↑æÄ]æääÊÄ\áæÄ↑|´áÄäæ{æäæäÄŞáb\~ääÜ↔ææ^Á\*äæb↔ææäÄ~{æäÄ\áæÄb↔^&↔^&Á~àÄ\áæÄ  
 ´~^&äæ&á\↔~^CbÁ´áää\æäÊÄ}↔\á↔^Á\áæÄSæ}ÁW~ä↔ÁU]^~äÊÄ~àÄ\áæÄÖæ^æää→ÁU]^~äÄ  
 ~àÄ\áæÄQ|\áæää^ÁOâ|ä´áÄ↔^ÁN↑æä↔´áÊÄ Ú^æäÄ\áæÄ^á↑æÄÄÖ↔äb\ÁU}æä↔báÄ  
 Ó{á^&æ↔´á→ÁQ|\áæää^ÁOâ|ä´áÄO→á\æäÄ´áá^&æäÄ\~ÄÄÖ|b\áääÄNã~→\*áÄDÄ\áæÄ´~^Ë  
 &äæ&á\↔~^Áäæ↑á↔^bÁ\áæÄ~→æäb\Áá´\↔{æÄQ|\áæää^Á´á|ä´áÄ↔^Á\áæÄb\á\æäÄ

ÍFâ↔äÊÄÊÄ\*ÊÄ ÇÊÄ

ÎÖæää→ä↔^æÄ<sub>N</sub>^æäb~^ÁÑæä@|↔b\ÊÄÄÖ|b\áääÄNã~→\*áÄÓ{á^&æ↔´á→ÁQ|\áæää^Á  
 Oâ|ä´áÊÄSæ}ÁU}æäæ^ÊÄRÓÁFÍÍFÊFÍÍFÊÄÄS^æÄÖ|^ääæä\áÄN^↔{æäbáä]ÁÑ~↔→æ\ÊÄ  
 \*ÊÄ S.

ÚáæÁ\*ãæbæ^ÁÖ|b\áàÁNä~→\*áÁb\ã|´\|ãæÊÁ}↔\áÁáää↔\↔~^bÁá^ääãæ~{áÊ  
 \↔~^bÊÁ↔bÁ\áæÁ~ã↔&↔^á→Áää↔´á\æäÁ↔^ÁFÎÎ€Áá^ää\á|bÁ\áæÁ~→ææb\ÁQ|\áæää^Á  
 Oå|ã´áÁ↔^ÁRá↔^æÁ~|b↔äæÁ~àÁÛá→ä~â~ã~ÊÁ Ø\Á↔bÁá^Áá↑á\æ|ãÁ↔b\~ã↔á^CbÁ  
 äæ↔&á\Á}↔\áÁ\*↔´\|ãæbÁ~àÁæ{æã]Á\*áb\~ãÁ↔^Á↔\bÁá↔b\~ã]ÊÁ↔^^|↑æääâ→æÁ↔\æ↑bÁ  
 ~{æääÁá´æ^|\|ã]Á~→äÊÁá^ääâæá|\↔à|→Áb\á↔^æäÁ&→ábbÊÁ ÚáæÁbæ^bæÁ~àÁ\*ã↔ææÁ  
 b|ãæ→]Á\*ãæbæ^Á}áæ^Á\áæÁ´á|ã´áÁ}ábÁ]~|^ÊÁ↔bÁb\↔→Á{æã]Á↑|´áÁ↔^Áæ{↔äæ^´æÁ  
 \~ää]ÊÁ

Ø^ÁFÎÎÎÊÁÖ|b\áàÁNä~→\*áÁ→æà\Á\áæÁSæ}ÁW~ã←ÁU]^~ää\~Á↓↔^Á\áæÁ↑~ãæÁ  
 ´~^àæbb↔~^á→ÁN|&|b\á^áÁU]^~ääÊÁ}↔\áÁ↔\bÁb\ã~^&Áb\á^ää~^Áá^Á↔^æääá^Á  
 U´ã↔\*\|ãæÁá^ää\áæÁÛ^á→\æääÁN|&bâ|ã&ÁO~^àæbb↔~^ÊÎÁ Úá↔bÁ´~^´æã^Áà~äää~´Ê  
 \ã↔^á→Á↑á\æãbÊÁ\*áã\↔´|→áã→]Á↔^Á\áæÁääæábÁ~àÁ}~ääÁá^ääbá´ää↑æ^ÊÁãæ↑á↔^æäÁ  
 áÁä↔b\↔^´\↔{æÁ\ãá↔\Á~àÁ\áæÁ´~^&æ&á\↔~^Á}æ→Á↔^~Á\áæÁ\}æ^↔æ\áÁæ^|\|ã]ÊÁ  
 Ø^Áää´ÊÁ↔^ÁFÎÎÎÁŞáb\~ääÒá^bÁN^ääáæÁá´´æ\*\æäÁ\áæÁ€↔{↔^æÁOá→Á\~Ábæã{æÁ  
 Ö|b\áàÁNä~→\*áÊÁáá{↔^&Á\~Á→æá{æÁá↔bÁ^á↔{æÁU}æäæ^Á\~Áä~Áb~ÊÁ Ò↔bÁb\á\æäÁ  
 äæáb~^Áà~ääb~Áääáb\↔´ÁáÁ↑~{æÁ}ábÁá↔bÁä↔bbá\↔bää´\↔~^Á}↔\áÁ\áæÁU}æä↔bÁ  
 Q|\áæää^ÁOå|ã´áCbÁ↔âæää→Áb\á^ábÁ~^Áá~↑~bæ[|á↔\]ÊÁáâ~ã\↔~^ÊÁá^ää}~↑æ^CbÁ  
 ~ää↔^á\↔~^ÈØŞÁ

Ø^ÁFÎÎ€ÎÊÁSæ}ÁU}æäæ^Á}ábÁ↔^b\ã|↑æ^á→Á↔^Áb\áã\↔^&ÁáÁää|&á\æää´~^&æÊ  
 &á\↔~^ÊÁÛá↔^↔\]ÊÁU\~´←á~→↑ÊÁæ↔&á\Á↑↔æbÁ\~Á\áæÁ~ã\áÊÁ Ø^ÁFÎÎÎÊÁ↔\Ááæ→\*æäÁ  
 à~|^ääÁá~\áæää´~^&æ&á\↔~^ÊÁÔá↔\áÊÁOáã↔â~|ÊÁà↔à\ææ^Á↑↔æbÁ\~Á\áæÁb~|\áÊÁ  
 N→Á\áææÁ´~^&æ&á\↔~^bÁ´~↑\*ã↔bæÁ\áæÁÅS~ã\áæã^ÁRá↔^æÁQ|\áæää^ÁŞáã↔bÁÁ

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ÎØâ↔äÊÊÁ\*ÊÁ ÎÊÁ

→Ş↔^æã{↔æ}Á~àÁÛæ^äæ→ÁU\*~~^æäÊÁÖ|→]ÁGÎÊÁFÎÎÎÊÁ

# GÍÁ

}á↔´áÊÁ | ^↔↔Á \áÁÄä\*áã\ | äÄ~àÄŞáb\~äÄN^ääáÄ↔^ÁFİİÊÁááäÄ~^→]Ä~^æÄ  
 \*áb\~äÈFFÄN\Ä^äæbæ^ÊÄ \áÄ\*áã↔báÄ↔bÄ bæä {æäÄä]ÄáÄä | báá^äË}↔àæÄ\*áb\~äá→Ä  
 \æá↑ÊÄ Ü~ääÄRæä↔æ^Ä↔bÄ↔^Ääæb↔äæ^æÄá\ÄÖ | b\áàÄNä~→\*áÊÄ }á↔↔æÄá↔bÄ}↔àæÊÄ  
 Ö↔bæ↔æÄÑæä↔↔^&áá | bÊÄ ä↔ {↔äæbÄáæäÄæà~ä\ bÄäæ\ }ææ^ÄÜä↔^↔\ ]Äá^äÄÖá↔\áÊÄ  
 Q~↔↔^&Äá\ÄáÁ↑á\*Ä~àÄRá↔^æÊÄ~^æÄ↔bÄb\ä | ´↔Ää]Ä\áÄäá\Ä\áá\Ä\áÄ→´áË  
 \↔~^Ä~àÄ\áÄ\*áã↔báÄ\* | \bÄ↔\Äá→↑~b\Ä\ }~Ää | ^äæäÄ↑↔↔æbÄäã~↑Ä↔\bÄ^æäæb\Ä  
 Q | \áæäá^Ä^æ↔&áä~äÄ↔^ÄÑá^&~äÊÄ~ {æäÄ\áäæÄä | ^äæäÄ↑↔↔æbÄäã~↑ÄŞ~ä\→á^äÊÄ  
 O~^bæ@ | æ^↔→]ÊÄ \áÄ\*áã↔báÄábÄááäÄ\~Ääæ^~↑æÄæ[\ææ↑æ→]Äbæ→äËäæ↔á^Äá^äÄ  
 æ[ \*äæbbæbÄ\á↔bÄäæ↔á^æÄ↔^Ä↑á^]Ä }á]bÊÄ Ñ~\áÄSæ}ÄU}æäæ^Äá^äÄU\~´↔~→↑Ä  
 áá {æÄà↔^æÄá↔b\~ä↔´á→Ä↑ | bæ | ↑bÊÄ á^^ | á→Ä´á | ä´áÄá^äÄ´á | ä´áËb\*~^b~äæäÄ´~↑Ë  
 ↑ | ^↔\ ]Äàæb\↔ {á→bÊÄ á^äÄáÄ}↔äæÄäá^&æÄ~àÄá\↔ {æÄ´á | ä´áÄ~ä&á^↔´á^↔~^bÊÄ ÜáæÄ  
 äá↔\áÄá^äÄ↔^ä | b\ä]Ä~àÄ\áÄ\*æ~\*~æÄ~àÄ\áÄáäæäáäæÄ^~\æ}~ä\á]ÊÄ R~äæÄ↔↑Ë  
 \*~ä\á^↔→]ÊÄá~}æ {æäÊÄ \áÄá↔b\~ä↔´á→Äb↔^↔↔´á^æÄ~àÄQ | \áæäá^↔b↑Ä↔^Ä\á↔bÄ  
 äæ↔~^Ä↔bÄæ {æ^Ä↑~äæÄ´á\*\↔ {á\↔^&ÊÄ

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→ÄÜæ→´~↑æÄ\~Ä\áÄS~ä\áæä^ÄRá↔^æÄQ | \áæäá^ÄŞáã↔báÄÄäã~´á | äæÊÄ FİİFÊÄ  
 FGÖ↔äb\ĐŞ~ä\→á^äİÄ Uá↔^ÄN^b&áäĐŞ~ä\→á^äİÄ Ó^↑á | bĐÖá→↑~ | \áÄá^äÄ  
 Üä↔^↔\ ]ĐÜæb\äã~~↔ÊÄ



# GİÁ

ÜáãÊÁ \âÁU´ á´ä↔´á {↔´á´ÁQ | \âæää´Á´á↑ã | ^↔\ ]Á↔´Á \âæÁääæÊÁ }↔\ áÁ↔\ bÁ à↔\ æÁ  
 ´ ~^&ãæ&á \↔~^bÊÁ }ábÁá´Á↔↑\*~ã\´á´\Áá´\~ãÁ↔´Á \âæÁb\*↔ã↔\ | á→Á→↔âæÁ~ðÁb~ | \âæ↑Á  
 Rá↔´æÁÁ\Á \âæÁ | \↑Á~ðÁ\âæÁ´æ´\ | ã ]ÊFÍÁ Oá´\*áãæää\~Á~\âæÁääæ´~↑↔´á \↔~^bÁ↔´Á  
 b↔´æÊÁâ~ }æ {æÊÁQ | \âæää´↔b↑Á }ábÁb\↔→Áá↑~^&Á \âæÁb↑á→æb\Á }↔\ áÁ\*æääá\*bÁG€€€Á  
 ↑æ↑âæãbÁ }â↔æÁ \âæÁb~↑á´ÁOá\â~↔´ÁOâ | ã´áÁá→ãæää ]ÁääáÁÎ€Ê€€€Á↔´ÁFbÍH<sup>III</sup> á´ää  
 }ábÁ~\*æää \↔~^&Á \âæÁ↑~b\Á↔↑\*ãæbb↔\{æÁ\*áã´á↔á→Áb´á~↔~Á b ]b\æ↑Áá´\ }âææÁ ↔´Á  
 Sæ }ÁÓ´&→á´ä ÊÁbá {æÁ\áá\Á↔´ÁO~^´æ´\↔´\ | ÊFÍÁ

Ø\Á↔bÁbá↔ãÁ↔´ÁU´ á´ä↔´á {↔´á´Á´↔ã´↔æbÁ\áá\Á \âæÁQ | \âæää´ÁOâ | ã´áÁ }~ | →ää  
 ^~\Ááá {æÁ&~\ \æ´Á~ðàÁ\âæÁ&ã~ | ^ää↔´Á \âæÁ\$~ã\→á´ääáãæáÁ }↔\ á~ | \Á \âæÁää {á´æÁ  
 }~ã←Áã~^æÁâ ]Á \âæÁCCQáã↔æbÁN↔ãÁU´↔´æ\↔æbÁ~ðÁ \âæÁää ]ÊÁ Ø´ÁÔá→↑~ | \âÊÁ à~ãÁ  
 æ[á↑\*æÊÁ \âæÁQáã↔æbÁN↔ãÁá→b~Á´áãæää~ðÁ \âæÁb\*↔ã↔\ | á→Á´ææãbÁ~ðÁ \âæÁ↑æ´Áá´ää  
 æ {æ´Áãæ´~ããæää\âæ↔ãÁáâbæ´æÁðää´Áãæ& | →ã→ ]Áb´áæã | →æää↑æ\↔~^&bÊFÍÁ Ø\Á }ábÁ  
 \â↔bÁ&ã~ | \*Á }â↔´áÁá\*~ã´á´âæÁ\$áb\~ãÁÓ→æb\áää~ðÁ \âæÁS~ã }æ&á´ÁQ | \âæää´Á  
 Oâ | ã´áÁ↔´Á\$~ã\→á´ääÇ^~ }ÁÔ↔ãb\ÁQ | \âæää´DÁ à~ãÁ´áb\~ãá→Ábæã {↔´æbÁá´ää }~ãbâ↔´Á  
 ~\*\*~ã\ | ^↔\↔æbÁ´ã↔~ãÁ\~Á↔´~ã\*~ãá\↔~^&Á↔´\~ÁÓ↑´á | bÁ´~^&ãæ&á \↔~^ÊFÍÁ

ÜâæãæÁ↔bÁb~↑æÁã↔ààæææ´æÁ~ðÁ~\*↔~^´Ááâ~ | \Á \âæÁ↔↔\↔á→Á´\*↔~^´Á~ðÁ  
 ~ã↔~^´Á~ðÁ \âæÁÇá^↔báÁ\*æ~\*→æÊ }â~Áà~ | ^æääÁCCÜâÁÔ↔ãb\ÁÇá^↔báÁÓ {á´&æ↔´á→Á  
 Q | \âæää´ÁOâ | ã´áÁ~ðÁÜæb\âã~↔~ÁÇ^~ }ÁÜã↔↔\ ]DÁ↔´ÁFÎÊÊÁ ÜâæãæÁ }ææÁ

→UN→âæã\ÁÔÊÁ Ñáã^æbÊÁæã↔\~ãÊÁÖãæá\æää\$~ã\→á´ääOæ↔æääá\↔~^ÁĞI€ÊÁ  
 Ç\$~ã\→á´ääÊÁOá^´æ\ \ÁÑ~↔~bÊÁ FÎÎHDEÁ \*ÊÁ FGJÊÁ

Fw Òæâæã \ÊÁ\*ÊÁ HFÍÊÁ

FÍ }↔→→á↑ÁQæ~ÁQ | ´æ ]ÊÁÜâæÁOá\â~↔´ÁOâ | ã´áÁ↔´ÁRá↔´æÊÁ ÇÔää´æb\~ }^ÊÁ  
 Sæ }ÁÔá↑\*bâ↔ãæÊÁRáãbáá→ÁO~^æbÊÁ FÎÎDEÁ \*\*ÊÁ FÎÎEFÍÊÁ

→ÎFâ↔ãÊÊÁ \*ÊÁ ÎÊÁ FÎFâ↔ãÊÊÁ \*ÊÁ ÎÊÁ

ĞĖĀ

á\*<sup>\*</sup>áãæ^\\→]ÁĖá^æbÁää~↑ĀSæ}ÁĖæ^↑áãĖĒÁ Sæ}ÁÑă| ^b}↔'←Á}á~Á↔^↑↔&ãā\\æăĀ\\~Á  
Ûæb\\ää~←Á↔^Á\\âæĀæă→]ÁFÎÎĖbĒĒ}æ\\Á\\âæĀ~àà↔'↔á→Á'æ^\\æ^↔á→Áâb\\~ă]Á~àĀ  
Ûă↔^↔\\]Á↑á←æbÁ^~Á↑æ^\\↔~^Á~àĀ\\â↔bĒĞĖĀ Ø^ÁáĀĀăæ↔&â\\à|→Á↔^\\æă{↔æ}ÁØĀăăăĀ  
}\\↔\\âĀRăbĒĒRăăæ^ÁOăă↔b\\↔á^bæ^ĒĒ}á~Á}ábĀ'~^àă↑æăĀĀ\\ÁÛă↔^↔\\]Á↔^ÁFÎFĖĒĒ  
băæĀĀ→b~Āă↔ăĀ^~\\Āăæ'á→ÁĀ^]Á↑æ^\\↔~^ÁĀ\\Á\\âæĀ\\↔↑æĀ~àĀ\\âæĀSæ}ÁÑă| ^b}↔'←Á  
'~^æ^\\↔~^ĒĒ ÛăæĀă↔ăĒĒă~}æ{æăĒĒăă{æĀăĀ&ăăă\\Āăăă→Ā\\~Ābă]Āăă~|\\Á\\âæĀ  
b\\ă~^&Āæ\\â↔^Á\*ăăbb|ăæbĀ↔^âææ^\\Ā↔^ÁĖá^↔băĀQ|\\âæăĀ^↔b↑ĒĒ Ø^Á~^æĀ↔^b\\á'æĒĒ  
\\âăææĀăă~\\âæăbĀ↑ăăă↔æăĀ\\âăæĀb↔b\\æăbĀ~àĀĀ^~\\âæăĀăă↑↔→]ĪĀă→Áb↔[Ā}æăæĀ  
↑æ↑âæăbĀ~àĀÛă↔^↔\\]ĒĒ Ûăæ^Á~^æĀ~àĀ\\â↑ĒĒ Óă^æb\\ĀU↑↔\\âĒĒ}ábĀáb←æăĀ}ă]ĀăæĀ  
á^ăĀă↔bĀăă~\\âæăbĀăăăĀăææ^Āb~Ā|^↔↑á&↔^á\\↔{æĀ↔^Á\\âæ↔ăĀ↑ăă↔\\á→Á'ă↔'æbĒĒăăĀ  
ăæ\*↔æăĒĒĒ}æĀ}æăæĀb|\*\*~bæăĀ\\~Ā↑ăăă]ÁĖá^↔băĀĀ^ăĀQ|\\âæăĀ^ĀĀ^ăĀ\\âæ]Ā}æăæĀ  
\\âæĀ~^→]Āăă↑↔→]Ā}æĀ←^æ}ĀÇ}↔\\âĀæ↔&↔â→æĀ&↔ă→bDĒĒĞFĀ

ÛăæĀ\\â↔ăăĀ↑á↓~ăĀæ\\â↔^ÁQ|\\âæăĀ^Ā'æ^\\æăĀ↔^ĀRă↔^æĀ↔bĀ↔^ĀĀ^ăĀăă~|^ăĀ  
U~|\\âĀŞăă↔bĀÇ'|ă↔~|bĀ^á↑æĀ~àăĀăĀU'á^ă↔^á{↔á^ĀăăăăĀĀĀ}ă↔^ăĀăăbĀăææ^Ā\\âæĀ  
à~|bĀ~àĀÔ↔^↔↔băĀ↔^↑↔&ăă\\↔~^Á\*á\\æă^bĀb↔^'æĀ↓|b\\Āăă\\æăĀ\\âæăă{æ^\\Ā~àĀ\\âæĀ  
Û}æ^\\↔æ\\âĀOæ^|ă]ĒĒ Ōă\\âæ↔^&Ā↔^à~^ă\\↔~^Āăă~|\\Ā\\â↔bĀáb\*æ^\\Ā~àĀQ|\\âæăĀ^Ē  
↔b↑Ā↔^ĀRă↔^æĀ↔bĀ{æă]Āă↔àà↔'|→\\ĒĞGĀ

ĞĖ~ăă→ĀO↔b\\~ă]ĒĒ Şáb\\~ăĀĖá^ĀO↔↔ăăă\\ĒĒ Ō|→]ĀĞĖĒ FÎÎĒĒĒ \*ĒĒ ĤĒĒ N→b~Ā  
Şăă→ĀO↔b\\~ă]ĒĒ Şáb\\~ăĀN→ĀÑăă^æbĒĒ Ō|→]ĀĞFĒ FÎÎĒĒĒ \*ĒĒ ĪĒĒ

ĞFRăăæ^ÁOăă↔b\\↔á^bæ^ĒĒ Ø^\\æă{↔æ}Ā↔^ĀăăăĀă~↑æĀ↔^ĀÛæb\\âă~←ĒĒRă↔^æĒĒ  
Ō|→]ĀĞFĒ FÎÎĒĒĒ

GGÛăæ^ĀØĀăăăă^&ăăĀ\\~Ā↑ææ^Ā}\\↔\\âŞáb\\~ăĀŌ|→\\&ăæ^ĀăæĀăbb|ăæăĀ↑æĀ\\âă\\Ā  
ăăĀ}~|→ăĀ'~^\\á'\\Āă→Ā~àĀ\\âæĀ~→ăăăĀ↑æ↑âæăbĀ~àĀ\\âæĀ'~^&ăă&ă\\↔~^Ā\\~Ā  
\*ăă\\↔'↔^á\\æĀ↔^Ā\\âæĀ~ăă→Āă↔b\\~ă]ĒĒ ÒæĀă↔ăĒĒ S~^æĀ'á↑æĒĒ

ĞĚĚÁ Òæ→↑ | \ÁQæâ↑á^^ĚÁ ⇔^Á⇔^ \ã~ä | ' ⇔^&Áâ⇔bÁ \*ãæbæ^ \á \⇔~^Á~^ÁÄÚâæÁ  
 Þæ→&⇔~ | bÁÓ [ \*æã⇔æ^' æÁ~àÁ Ò⇔^bÁ⇔^ÁSæ } ÁÓ^&→á^äÄÁ \~Á \áæÁá^ | á→Á↑ææ \⇔^&Á  
 ~àÁ \áæÁSæ } ÁÓ^&→á^äÄQ | \áæãá^Á Ò⇔b \~ã⇔' á→ÁU~' ⇔æ \ ] Á⇔^ÁFĪĪĤĚÁ bá⇔äĚÁ \áæÁ Ò⇔^bÁ  
 áãæÁ \áæÁ→æáb \Á ⇔^~ } ^Á~àÁ \áæÁ \→↑⇔' Á&ã~ | \*bÁ⇔^ÁSæ } ÁÓ^&→á^äĚÄĞĞÁ ÒæÁ bá⇔äÁ  
 \áá \Á \á⇔bÁ } ábÁä | æÁ⇔^Á \*áã \Á \~ÁáÁ&æ^æãá→Á \á' ⇔ \ | á^⇔ \ ] Áá↑~^&Á Ò⇔^bĚÁ Ú~Á  
 ⇔→ | b \ãá \æÁ \áæÁ \*~⇔^ \ĚÁ Qæâ↑á^^Á \~→äÁ \áæÁb \~ã \ ] Á~àÁáÁ Ò⇔^bâÁäá^æãÁ } á~Á  
 b⇔&^á→æãÁ \~Áâ⇔bÁ↑ | \æÁb~^Á \~Áãã⇔^&Áâ⇔^ÁáÁ \*⇔ \ ' áæãÁ~àÁ↑⇔~ĚÁ Úà \ ' á⇔^&Áâ⇔bÁ  
 äá \áæãÁäã⇔^⇔Áææ\*→ ] ĚÁ \áæÁ~ ] Á } ábÁáäãä⇔äÁ \áæãæÁ } ~ | →äÁâæÁ~^æÁ→æà \Á~ãÁâ⇔^Á  
 á^äÄâæÁ' ã⇔æäĚÁ ÄU \~^ĚÁ äá \áæĚÁ →æá { æÁb~↑æÁ à~ãÁ↑æÁÄÄ ÄR \ ] b~^ĚÁ ] ~ | Á' á^Á  
 b\*æá~ÄÄ' ã⇔æãÁ \áæÁäá \áæãÁ⇔^Ááb \~^⇔b | ^æ^ \ĚÁ CCŪâ \ ] Ááá { æÁ ] ~ | Á^æ { æãÁb\*~⇔æ^Á  
 âæà~ãæLÄÄ Ú~Á } á⇔' áÁ \áæÁb~^Áãæ\*~æäĚÁ ÄÚâæãæÁ } ábÁ^æ { æãÁá^ \ ] á⇔^&Á \~Á \á~Á  
 áâ~ | \ĚÄGHÁ On \áæÁbæã⇔~ | bÁb⇔æĚÁ \áæÁU | ~↑⇔ÁU ] ^~äĚÁ ⇔^Á \áæÁFĪĞæbÁá äÁ ĞæbÁ  
 } ábÁâæbæ \Áâ \ ] Á \áæÁä | á→Á \*ã~â→æ↑Á~àÁÄ↑⇔ [ æãÁ↑áãã⇔á&æbÁá^á^ \áæÁÄ→á^& | á&æÁ  
 @ | æb \⇔~^ĚÁÁ Ōäá^Á \áæÁ↑⇔äĚ } æ^ \⇔æbÁ \~Á \áæÁ↑⇔äĚ \á⇔ã \⇔æbĚÁ \áæÁäá^ \⇔~æãÁ  
 U | ~↑⇔Á↑æ↑âæãbâ⇔^Áäã~\*æãÁááà | →Á \á⇔ãäĪÁ äã~↑Áã~ | &á→ ] ÁĞĬĤĚĚĚÁ \~ÁGHĚĚ~ĚĞIÁ  
 Ø^ÁRá⇔^æĚÁ~ | \Á~àÁ \áæÁà~ | äÁ' ~^&ãæ&á \⇔~^bÁæb \áâ~bâæãÁâæ \ } ææ^ÁFĪFĤLÁ á^á  
 FĪIGÁ~^→ ] Á~^æĚÁÚã⇔^⇔ \ ] ĚÁU~ | \áÁŞáã⇔bĚÁb | ä { ⇔ { æbĚÁ Ō~ã↑æãÁŞáb \~ãÁ Ò | → \&ææ^Á  
 æb \⇔↑á \æãÁ⇔^ÁUæ\* \æ↑âæãÁ~àÁFĪĪĤLÁ \áá \Áà | → ] ÁĪĞÁ \*æã' æ^ \Á~àÁ \áæÁ' ~^&ãæ&á \⇔~^Á  
 ⇔bÁ↑áãæÁ | \*Á~àÁ \*æ~\*→æÁ } á~Á } æãæÁâ~ã^Áá^áããá⇔bæãÁ⇔^ÁU~ | \áÁŞáã⇔bÁá^áæ^Ě  
 { ⇔ã~^bĚGNÁ NääÁ \~Á \áá \Á \áæÁäá' \Á \áá \Á \áæÁ \*æ~\*→æÁáãæÁ { æã \ ] Á~ã⇔ { á \æÁá^á

GĞÒæ→↑ | \ÁQæâ↑á^^ĚÁ Ō~ | ä^á→Á~àÁ \áæÁSæ } ÁÓ^&→á^äÄQ | \áæãá^Á Ò⇔b \~ã⇔' á→Á  
 U~' ⇔æ \ ] ĚÁ ĞFÁ ÇU \*ã⇔^&ÁFĪĪIDĪFĞĚÁ

GHFâ⇔äĚĚÁ \*ĚÁ FĞĚÁ

GIŌá' ~âÁ Òæ⇔⇔⇔^æ^ĚÁ ÚâæÁU \~ã \ ] Á~àÁ \áæÁU | ~↑⇔ÁU ] ^~äĚÁ ÇSæ } ÁW~ã~ÁŌá→bĚÁ  
 R⇔^æb~ \áĚÁ Òæ⇔⇔⇔^æ^ĚÁ FĪĪĪLĚĚÁ

GIW~ãá→Á Ò⇔b \~ã \ ] ĚÁ Şáb \~ãÁŞá⇔^Á Ò | → \&ææ^ĚÁUæ\* \æ↑âæãÁĪĚÁ FĪĪĪĚÁ \*ĚÁ FĚÁ



Äãääæ→]Á~æ\Á\âæ↔ãÄææ↔^&bÁ~|\ÊÄÁá^äÁ\áá\ÄÄ\âææÄ↔bÁ^~Á^~↑^↔\↑æ^Á\~Á  
 \*ä~^→á↔↑↔^&Á\âæÄÖ~b\*æ→Á\~Á\â↔bÁ^~↑^|\^↔\]Äæ↔\âæÄ↔^Á\}~ääÄ~ää↔^ÁäææäÊÄÄ  
 á^äÄ\~|Äää{æÁ\âæÁ↑á↔^&bÁ~àÄáÄ{æä]Á\*äæ'áä↔~|bÁb↔\|á\↔~^ÊĜÍÁ

ÚâæÄà~|ä\âÁ↑á↓~ääæ\â^↔^ÁQ|\âæää^Á^æ^æÄÄ↔^ÁRá↔^æÄ↔bÁ↔^Á\âæÄ\}↔^Ê  
 ^↔\↔æbÁáääæáÄ~àÄQæ}↔b\~^Áá^äÄN|â|ä^ÊÄ ÖæææÄ}æÄæ^~|^æääÁá↑á↓~ääÄ\}↔b\Ä↔^Á  
 \âæÄ|b|á→Á\á→æÄ~àÄ↔^↑↔&ää^bÁ↑↔&ää\↔^&Á\~ÁáÄ&↔{æ^ÁääæáÄ\}↔\â\âæÄ  
 Q|\âæää^Á^â|ä^äÁ^~→bæÄâæâ↔^äÊÄ N|â|ä^Áá^äÄQæ}↔b\~^Á\ææÊÄá^äÄáääæÁ↑á↓~ääÄ  
 ↑á^|àá^|\ä↔^&Á^↔\↔æbÁ↔^ÁRá↔^æÄæb\*æ^↔á→]Á~àÁ^~\~^Á&~äbÊÄ Úâ↔bÁ\ääææÄ  
 á\~ää^æää↑á^]ÄÖæä↑á^Ê↔^↑↔&ää^bÁâ|\Á^æ{æää↔^Á→áääæÄ&ä~|\*bÁábÁ}ábÁ\âæÄ  
 ^ábæÄ↔^ÄÚâ→ä~â~ä~ÊÄ~ää\âæÄQ|\âæää^Á^æ↔&â~äâ~äbÁ~àÄŞ~ä\→á^äÊÄ Ö~^Ê  
 bæ@|æ^→]ÊÄ\âæÄÖæä↑á^bÁ~àÄ\âæÄ\}↔^Á^↔\↔æbÊÄ^~\Ááá{↔^&ÁáÄQ|\âæää^Á^~^&äæÊ  
 &á\↔~^ÊÄ~↔~æääà~ää\âæ↔äÁb\*↔ä↔\|á→Á^|ä\|äæÄ↔^Á\âæÄÖ\*↔b^~\*á→Áá^äÄÖ~^&äæÊ  
 &á\↔~^á→Á^â|ä^âæbÊĜÍÁ

U~↑æÄ~àÄ\âæÄÖæä↑á^Á↔^↑↔&ää^bÁáääÄ^~↑æÄ\}↔\âÁb\*æ^↔á→Á→äæ^↔\à↔^á\↔~^Á  
 \*á\*æäbÁ}â↔^äÁ^æä\↔\æää\âæ↔äÁb\á\|bÁábÁàä↔\àà|→Á↑æ↑âæäbÁ~àÄÄÚâæÄÖ{á^&æ↔Ê  
 ^á→ÁQ|\âæää^Áá^äÄææ~ä↑æääÖâ|ä^äÄÚ^↔~^ÄÄÇ\âæÄU\á\æÄÖâ|ä^äÄ~àÄŞä|bb→áDÊÄ  
 ÚâæbæÄ\*á\*æäbÁ}æäæÄ\~Ábæä{æÁábÁ→æ\æäbÁ~àÄ↔^ä~ä|^↔~^Á\~ÁáÄQ|\âæää^Á^~^Ê  
 &äæ&á\↔~^Á↔^Á\âæÄÚ^↔\æääU\á\æbÁ^æä\↔\↔^&Á\âá\Á\âæÄâæääæääáääâææ^Á  
 \*ä~\*æä→]Äâá\*↔~æääá^äÄ^~^â↔^æääábÁáÄQ|\âæää^ÁÖâä↔b\↔á^ÊÄ Úb|á→]Á\âæbæÄ  
 →æ\æäbÁ}æäæÁáäääæbbæääÄä↔ææ^→]Á\~Áæ[↔b\↔^&Á^~^&äæ&á\↔~^bÁ↔^ÁN↑æä↔^áÊÄ  
 Ø\Ä↔bÁä~|â\à|→Á\áá\Á\âæÄæb\áâ↔bâ↑æ^Á~àÄÖæ^á^]ÁábÁáÁá\á\↔~^Á↔^ÁF↑ĴÄ  
 }~|→ääää{æÄ&↔{æ^Á^á|bæÄ\~Áá→æää\âæÄâáb↔^Áà~^á\Á~àÄ\âæbæÄ→æ\æäbÁ~\âæää

ĜÄÄÄ↔äÊÄÄ\*ÊÄ ĜÄÄ

ĜĴÖää^æÄÖ{á^&æ↔^á→ÁQ|\âæää^ÁÖâ|ä^äÊÄWæääÄÑ~↔^Áá^äÄÖâ|ä^äÄ↔ææ^~ä]Ä  
 Qæ}↔b\~^ÊÄRá↔^æÄÄ ÇFĴĜFLDÊÄÖ→æ{æ^âÁ\*á&æÄÇ\*á&æbÁ|^|^|↑âæääâDÊÄ

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00ÛP00ÁŠÔÔØØNFWÁ

RãĖÁ Rá[ ÁŎæ ] æãĤgggggggggggggggggggggĤâab↔ăă^ \Ă  
 bæ{ ĖÁ Ōă&ăăĤĖĖ Ōăă→ă | ĤgggggggggggggggĤăă\ăă \Ă  
 RãĖÁ Š \\~ĂQĖĖ Ōăă→ă | ĤgggggggggggggggggĤăăab|ăăăĤ

RãĖĂ Ō~ă^ÁŌĖĂ U'ă~\\Ă Ũă|b\æbĂ RãĖĂ Ōæ^ă]ĂŌ~àà†á^^Ă  
 RãĖĂ Ōă^b\ĂŃĂ|æăĖĂ UăĖĂ

ĜH'ăă'æAQ|\ăăă^ĂOă|ă'ăÊĂĂÖ⇨ă\|ĂWæăăbĂ~ăĂUæă{⇨'æĂă-ăĂÖ-ăĂ⇨^ĂQæ}⇨b\~^Ă  
 Ră⇨^æÊĂ FĬFĬĚFĬJĬĚĂĂUæ|æ^|ăĂŞă&æĂ Ç\*ă&æbĂ|^|↑ăăăăDĚĂ

GUÁ

ŪbãæābÁ

RãĒĀ Š\\~ÁQĒĀ Ôæā→á | Á RãĒĀ W^& | äāĀRĒĀ Ôæā→á | Á  
RãĒĀ Ōæ~ā&æĀQā^&Ā RãĒĀ Óä↔' āĀPāā↑æāĀ  
RãĒĀ Rāā\↔^ĀQā^&Ā RãĒĀ Rāā\↔^ĀÔæā→á | Á  
RãĒĀ Ō~ā^ĀQā^&Ā RãĒĀ Òæāāæā\ĀÔāā^æ→Ā

(page 8)

TØŪPŌŌĀORGANIZATIONS

Sunday School

Rev. Edgar A. Fehlau.....Superintendent

RãbĒĀ Edgar R. Ôæā→á | ÁgggggggggĀæ' C | Áā^āĀŪæābĒĀ

Ūæā' āæābÁ

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(page 12)

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## CHAPTER IV

### LUTHERANISM IN THE INTERIM, 1922-1955; THE SUOMI SYNOD

Lutheranism in Maine was at a very interesting juncture in 1921. The ethnic migrations had effectively come to an end in the years just before the Great Depression and the small Lutheran communities centered at New Sweden in the North, South Paris in the West, Portland in the South and Lewiston in the middle had pretty much spent their missionary zeal. The population of Maine which had stagnated in the period 1870-1890 with a combined increase of only 28,000 to a total of 660,261, began a much more rapid rise in the succeeding years, especially as the shoe and textile industries came into their own the first half of the twentieth century, so that by the 1940 census Maine had 847,226 citizens.<sup>1</sup> The population increase for the state was also reflected in the growth of the Lutheran congregations to their highest level ever; or since. The combined membership of the ten congregations mentioned in Chapter III in 1930 was 2980, while the figure for the same congregations in

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<sup>1</sup> United States Census Bureau, Maine, 1870, 1890, 1940, United States Government Printing Office, 1871, 1891, and 1941 respectively.

1986, minus Harrison and Portland Emmanuel (which had closed) was only 2185.2

Looking at the records of the Finnish congregation in South Paris, one is struck by the rather extraordinary sequence of events which began with the fonnation of a two-point parish with the congregation in Harrison in 1924 for the purpose of "both congregations to avail for themselves the services of same pastor."<sup>3</sup> It took six years to bring the aforementioned desire for a resident pastor to fruition.

(1930 became an) important year for the congregation, for now for the first time she had a resident pastor when Pastor George Autio accepted the Call, and moved here from Wisconsin.<sup>4</sup>

One would think that with the first resident pastor finally on location, the parish would settle down, consolidate its gains and begin to think of how to make ends meet with the extra burden of weekly salary payments and related pastoral expenses. Instead, members of the South

2Membership figures for the ten congregations:

	1930 (est.)	1986
Auburn	300	275
Falmouth	400	275
Harrison	80	closed 1978
New Sweden	400	260
Portland (Emmanuel)	275	closed 1953(?)
Portland First	375	350
Portland St. Ansgar	400	376
South Paris	200	190
Stockholm	150	180
Westbrook	400	279
	<u>2980</u>	<u>2185</u>

3Finnish Evangelical Lutheran Church (Independent) of South Paris, Maine, Minutes of Wednesday, June 11, 1924.

4our Fifty Years, 1912-1962," Trinity Evangelical Lutheran Church, South Paris, Maine, nineteenth page (pages unnumbered).

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because "Suomi was dying off."<sup>12</sup> With mounting financial problems and dropping membership, Holy Trinity merged with the new Lutheran Church in America mission in Rockland in 1963. This in itself was not without negative emotional ramifications as joining the Nativity mission, a mere ten miles down the road, was seen as a slap in the face by the Finns.<sup>13</sup>

Pastor Hultgren's comments on his relationship with Trinity congregation and its formidable Finnish members may well be indicative of the special world of Finnish Lutheranism. When asked his perception of "where the congregation's least impact on the community is," he replied;

That area I think without a doubt is evangelism. There is no commitment to proclaiming the Gospel to this community either in word or in deed. Outside of the community of the church there does not seem to be a desire to move beyond the walls of the church. It is a very close-knit family. Their customs, languages, loves, are such barriers between this congregation and the community that surrounds it. There is no interaction.<sup>14</sup>

He was asked if there "is anything else (he) would like to share about the community and how the congregation fits in,"

As I listen to myself going through this, explaining my impressions, it has come off very negatively, and I guess that's because I feel very frustrated at this time seeking to live as the body of Christ and I hate to leave this type of interview with that taste. They are people of principle; they do feel very strongly when they have made up their mind and it is extremely difficult to change them. It has been a struggle as long as I have been here and yet I can still see God's hand in that inasmuch as I needed to struggle to do the things I had never been forced to do before.<sup>15</sup>

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<sup>12</sup>McClure Interview. See also Heikkinen p. 230. In reality Suomi had merged into the Lutheran Church in America in June of 1962.

<sup>13</sup>Ibid.

<sup>14</sup>oral History of Pastor Phil Hultgren, September 5, 1986, pp. 3-4.

<sup>15</sup>Ibid., pp. 5-6.

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 R ~ ä \ ↔ ^ á ä Á Õ Ê Á N ä ~ æ ä Ê Á æ ä ↔ \ ~ ä Ê ↔ ^ Ê ' á ↔ æ ä Ê Á Ú ă æ Á N ^ á ~ á ~ ä Á N ↑ æ ä ↔ á Ê Á { ~ → Ê Á F Í Í Á  
 F Í Í Ê F Í Í Ê F Í Í Ê Á O ~ → á Á Û á ä á ↔ ^ Á \ ă æ Á S | ' → æ ä ä Á N & æ Á Ç O á ↔ ^ á & ~ Í Á Ö ^ ' ] ~ ^ \* æ ä ↔ á Á  
 N ä ↔ \ á ^ ^ ^ á Ê Á Ø ^ Ê Á F Í Í N D E Á \* E Á I Í Í E Á

Ğ R á ä ~ Á N Ê Á S ~ → Ê Á æ \ Á á ~ Ê Ê Á æ ä ↔ \ ~ ä b Ê Á Ó ä á ^ á ^ C b Á Ö á ^ á ä ~ ~ ^ Á ~ ä Á O á ä b \ ↔ á ^ ↔ \ ] Á  
 ↔ ^ Á N ↑ æ ä ↔ ^ á Ê Á Ç Ö ä á ^ á Á Þ \* ↔ ä b Ê Á F Í Í Ğ D E Á \* E Á H Í Í E Á

&~^&Á~^Á\ã~|&ã~|\Á\ãÁ~|^\ã]ÈÁ ØÁ\ãÁR⇔bb~|ãÁU|^~ãÁã~^æÊÁä|ã~^&Á  
 ⇔\bÁÄŞãá'ã~^&ÊÁÚãá'ã~^&ÊÁÞãá'ã~^&ÄÁ↑⇔bb~^Áää~↑ÁN\*ã⇔ÁFĪIIÁ\~ÁŌá^|áã]Á  
 FĪJHÁ }ã~^áÁ}ábÁá^Áá\|æ↑\*Á\~Äãá'áÁ\ãÁ|^'á|ã'ãæÊÁ\ãÁà~→~}⇔^&Áà~&|ãæbÁ  
 ãæ{æá→Á\ãÁæ[\æ^Á\~Á}ã~^áÁ'á|ã'áÁ'~↑\*→á'æ'^]Á}ábÁ\|ã~^&Á⇔~\~ÁŌ~b\*æ→È  
 ↑~\⇔{á\æäÁ'á|ã'áÁá'\⇔{⇔b↑ÈÁ

È H IEEÁ'~^&ãæ&á\⇔~^bÁ\*áã\⇔~^\*á\æäÁ  
 È ĜĪĒEEÁ&ãæäÁ\~Á'~↑æÁ\~ÁŞáb\~äCbÁ'→ábbÁ  
 È ĜĪĒEEÁÁ\|æ^äæÁbæã{⇔~æbÁ~äÁ}ã~^áÁĜEEĒEEÁ}æäÁ^~^È↑æ↑æãbÁ  
 È ĪĪĒEEÁãæääà~ã↑á\⇔~^bÁ  
 È ĜĪĒEEÁ}æäÁää\*~^æäÁ~äÁää~|&á\Á'á⇔äãæ^Á\~ÁæÁää\*~^æäÁ  
 È MĒIĒÁæ~ã~→æäÁ⇔ÁU|^äá]ÁU'á~→HÁ

ØÁFĪFĪÁ\ãÁQ|\ãää^ÁŌá|ã'áÈR⇔bb~|ãÁU|^~ãÁääáÁ\*ábbæäÁ\ãÁ~^æÁ↑⇔~^~^Á  
 ↑æ↑æãá↑áã~^Á~^Á\ãÁà~ãb\Á\⇔~æÈÁ ØÁ\~^~^Á\ã~ã]Ēb⇔[Á]æääbÁ\~Áãæá'áÁ\}~Á  
 ↑⇔~^~^Áá^á~^}Ábæ{æ^Á↑~ãæÁ\~Áb\á^ááÁ\ÁĜĒIĒĒFĪĒIÁ ÚãÁ~\ãääÁQ|\ãääá^Á  
 'á|ã'áÁ~^ãæbÁæ[\*æã~^æäÁää\*~^áÁ~^}~^áábÁ}æ→ÈÁá^áÁb~^Áã~^Á{~^á|á→]Áá→Á  
 äæ^~↑~^á\⇔~^bÁ⇔^Á\ãÁ~|^\ã]ÈNÁ

Rá~^æÁà~^Á\ãÁ~{æää→Á\*á\|æä^Á~^Á&ã~}\ãÁ~^Á'á|ã'áÁ↑æ↑æãbã~^ÈÁ  
 â|\ÊÁáà\æäÁ→Á}ábÁbá~^áÁ^áÁ~^æÈÁ⇔Áb\⇔~^ÁääáÁ\ãÁ~^}æb\Á\*æä'æ^á&æÁ~^Á  
 'á|ã'áÁ↑æ↑æãbÁ~^Áá^Áb\á\æÁ~^Á\ãÁ~|^\ã]ĪÁáÁb⇔|á\⇔~^Á}ã~^áÁã↑á~^bÁ\~Á

HQ|\ãää^ÁŌ~^\*æ^ÁŌ~|bæÁÞæ&~^á~^ÁŌ~^ãã~^á\~ãbÊÁRææ\⇔^&ÈS~\æbÊÁ  
 \*ãæ\*ããæäÁ]ÁŌã\⇔^ÁP~^ãÊÁŌ[æ'|\⇔{æÁUæ'ãæ\ãã]Áà~^ãÁŌ{á\*&æ~^b↑ÈÁÚãÁQ|\ãääá^Á  
 Ōã|ã'áÈR⇔bb~|ãÁU|^~ãÊÁU\ÊÁQ~|⇔bÊÁRŞÊÁS~{æ↑æãÁFĪĒĒĒFĪJĒÁ\*ÈÁÈÁ

<sup>5</sup>Carl S. Meyer, editor, Moving Frontiers; Readings in the History of the Lutheran Church-Missouri Synod, (St. Louis, Concordia Publishing House, 1964), p. 386.

INS~→ÈÁ\*\*ÈÁHJĜĒHJHÈÁ S~→Áá~b~Á\*~^~^bÁ~|\Á\áá\Á⇔^ÁFĪĜIÁQ|\ãää^bÁ  
 ábÁáÁ&ã~|\*Á}æäÁ~^Á{æ^Áá↑~^&Á\ãÁ~^æÁ~^ãã&æb\Áãæ~^&~|bÁáää~^ã~^~^bÈÁ  
 ØÁFĪJĒÁ~^æ{æäÈÁQ|\ãää^bÁ}æäÁ~^ã\ã'áÁãæ\*ãæbæ^~^&ÁĪĒIÁ~^áÁãæ~^&~|bÁ  
 ↑æ↑æãbã~^ÁÇæã~^áÁ~^↑á^ÁŌá\ã~^~^bÈÁHFĒIÁĪÁNá\*\⇔b\bÈÁGFĒHĪĪÁ^áÁ  
 Ræ\ã~^ã~^b\ÈÁFGĒIÁĐÈÁ bæÁ\*ÈÁHĒĪÈÁHJĜÈÁ

\â↔bÁää]ÈĪÁ ÚâæÁ^á\↔~^á→Á\*ãæ'æäæ^Áà~ãÁ↔^'ãæáb↔^&Á\âæÁ^|↑âæãÁ~àÁ'~^&ãæĒ  
&á\↔~^bÁä↔äÁ'~↑æÁ\~ÁRá↔^æĒÁâ~}æ{æãĒÁ á^ãÁ↔\Á↔bÁ^~\æ}~ã\â\Á\á\Á\âæÁ\â↔ãäÁ  
↑á↓~ãÁæãäÁ~àÁQ|\âæãá^↔b↑Á↔^ÁRá↔^æÁâæ&á^Á\↔\âÁá↑↔bb↔~^Áâæá{↔}Áb|\*\*~ã\æäÁ  
â\Á\âæÁ~→äæb\Áæ\â^↔^Á'~^&ãæ&á\↔~^Á↔^Á\âæÁb\á\æĒÁÖ|b\áàÁNä~→\*âÁ↔^ÁSæ}Á  
U}æäæ^ĒÁ ÚâæÁ]æáãÁ}ábÁFĪIĪJÁá^äÁ\âæÁ↑↔bb↔~^ĒÁÔá↔\âÁQ|\âæãá^ÁOâ|ã'âÁ~àÁ  
Oáã↔â~|ĒÁ

NÁ@|\↔^←Áãæ{↔æ}Á~àÁN\*~æ^ä↔[ÁNÁãæ{æá→bÁáÁ&ãæá\Áäæá→Ááâ~|\Á\âæÁ↔^~æ^Ē  
b↔\]Á\↔\âÁ}â↔^âÁ\âæÁ{áã↔~|bÁQ|\âæãá^Á'â|ã'âÁâ~ä↔æbÁ}æ^Ááâ~|\Á\âæÁ\áb↔^Á  
~àÁb\áã\↔^&Á'~^&ãæ&á\↔~^bĒÁ Ô~ãÁ\âæÁæ^↔~ãæÁ\*æã↔~äÁàã~↑ÁFĪIĪJĒFĪIĪJĒÁ\âæãæÁ  
}æãæÁbæ{æ^Á^æ}Á'~^&ãæ&á\↔~^bÁ~àÁ\âæÁN↑æã↔^á^ÁQ|\âæãá^ÁOâ|ã'âĒÁ à~|ãÁ~àÁ  
\âæÁQ|\âæãá^ÁOâ|ã'âÁ↔^ÁN↑æã↔^áĒÁ\}~Á~àÁ\âæÁQ|\âæãá^ÁOâ|ã'âĒR↔bb~|ã↔^Á  
U|^~äĒÁ á^äÁ~^æÁæá^âÁ~àÁ\âæÁU↔b'~^b↔^ÁÓ{á^&æ↔^á→ÁQ|\âæãá^ÁOâ|ã'âŽá^äÁ\âæÁ  
Nbb~^↔á\↔~^Á~àÁÓ{á^&æ↔^á→ÁQ|\âæãá^ÁOâ|ã'âæbĒÁ à~ãÁáÁ\~\á→Á~àÁ à↔\ææ^ĒÁ  
Úâ↔bÁ à↔&|ãæÁ^æäbÁ\~ÁâæÁáä↓|b\æäÁb↔&á\→]Á&↔{æ^Á\âæÁ^á\|ãæÁ~àÁ\âæÁ  
à~ã↑á\↔~^Á~àÁ\âæÁNbb~^↔á\↔~^Á~àÁÓ{á^&æ↔^á→ÁQ|\âæãá^ÁOâ|ã'âCbÁ'~^&ãæ&áĒ  
\↔~^Á↔^ÁN|â|ã'ĒÁ~|\Á~àÁ\âæÁÖãá^æÁQ|\âæãá^Á'~^&ãæ&á\↔~^Á↔^ÁQæ}↔b\~^Á}â↔^áÁ  
ááäÁâææ^ÁR↔bb~|ã↔^ÁU|^~äĒÁ Sæ{æã\âæ↔æbbĒÁ\âæÁà~|ã\ææ^Á^æ}Á'~^&ãæ&á\↔~^bÁ  
~ãÁ↑↔bb↔~^Áb\áã\áb↔^Á\â↔ã\]Á]æäãbÁãæ\*ãæbæ^bÁ\âæÁ→äã&æb\Áb↔^&→æÁ&ã~\|âÁ  
á↑~^&ÁQ|\âæãá^bÁ↔^ÁRá↔^æÁ↔^Á\âæÁâ↔b\~ã\]Á~àÁ\âæÁb\á\æĒÁ↔^Áàá^ĒÁ\âæÁ  
à↔&|ãæÁãæ\*ãæbæ^bÁá^Á↔^'ãæábæÁ~àÁ~^æÁâ|^ããæãÁá^äÁæ↔&á\Á\*æã'æ^Á~àÁ\âæÁ  
\~\á→Á^|↑âæãÁ~àÁQ|\âæãá^Á'â|ã'âæbÁ↔^ÁRá↔^æÁ\*ã↔~ãÁ\~ÁFĪIĪJĒÁ N\Á\âæÁâæ↔&á\Á  
~àÁ\âæÁâ|↔~ä↔^&Áâ~↑ĒÁ Á^Á\âæÁ]æäãbÁFĪIĪJĒFĪIĪJĒÁ bæ{æ^Á^æ}Á'~^&ãæ&á\↔~^bÁ  
}æãæÁâæ&|^Áá\ÁáÁãá\æÁ~àÁá→↑~b\Á~^æÁæ{æã\]Áb↔[Á↑~^~\âbĒÁ

ÍŞ~ã\→á^äÁÓ{æ^↔^&ÁÓ[\*ãæbbĒÁÔá^|áã\]ÁĜĒÁ FĪIĪJĒÁ \*ĒÁ ĜĒÁ ÄŞ^→]ÁHFĒÁ~àÁ  
Rá↔^æÁ\*æ~\*→æÁâæ~^&Á\~ÁOâ|ã'âæbĒÁ

Ó{æ^ÁáÁ´|ãb~ã]Áãæ{↔æ}Á~àÁ\áæÁ↑á^Á↔^ÁN\*æ^ä↔[ÁÆÁãæ{æá~bÁ\áá\Á\áæÁ  
 &ã~}\áÁ↔^Á\áæÁ→áb\Á\á↔ã\]Á]æáãbÁáábÁâæ&|^Á\~Áãæá→Á}↔\áÁ\áæÁãæ→á\↔{æÁ  
 ↔b~→á\↔~^Á~àÁ\áæÁà~|ãÁ↑á↓~ãÁQ|\áæáá^Á^æ^æãbÁ↔^Á\áæÁb\á\æÈÁ U↔[Á^æ}Á  
 ^~^&ãæ&á\↔~^bÁb\ãæ\^áÁ~|\Á\áæÁQ|\áæáá^Áãæá^áÁá→~^&Á\áæÁ^~áb\Áàã~↑Á  
 Pæ^æâ|^←ÊÁ\áã~|&áÁOá\*æÁÓ↔~^áâæ\áÊÁÑã|^b}↔^←ÊÁÆá↑áã↔b^~\áÁá^áÁb~^↔á^áÁ  
 \~ÁÓ→b}~ã\áÊÁ ÚáãææÁ^æ}Á^~^&ãæ&á\↔~^bÁáá{æÁ&ã~}^Á|^Áá→~^&Á\áæÁØ^æãÈ  
 b\á\æÁÏIÁáã\æã]ÊÁN|&|b\áÊÁÙá\æã{↔↔↔æÁá^áÁÑá^&~ãÈÁ S~ã\áÁÙ↔^ááá↑CbÁ  
 ^~^&ãæ&á\↔~^Á↔bÁ}\æ^|\Á ↑↔↔æbÁ~|\Á~àÁ\$~ã\→á^áÁ\~}áããÁSæ}ÁÔá↑\*bã↔ãæÁá→~^&Á  
 \áæÁ↑á↓~ãÁã↔&á}á]Á→æá^↔^&Á\~Á\áæÁÙá↔\æÁR~|^á↔^bÈÁ ÚáæÁOáã↔ã~|Á^~^&ãæ&áÈ  
 \↔~^Á↔bÁ à↔à\ææ^Á↑↔↔æbÁb~|\áÁ~àÁSæ}ÁU}ææ^Áá^áÁ^æáãÁQ~ã↔^&ÁN↔ãÁÔ~ã^æÁÑábæÁ  
 ↔^ÁQ↔↔↔æb\~^æÈÁRá↔^æÈÁ Ôáã↑↔^&\~^CbÁ↑↔bb↔~^Á↔↔æbÁ↔^Á\áæÁ^~ã\á}æb\Á^áã\Á~àÁ  
 \áæÁb\á\æÁ^æáãÁRá↔^æCbÁ\*ãæ↑↔æãÁb↔^ÁáãæábÁá^áÁáÁ^á↑\*|bÁ~àÁ\áæÁÙ↔^æãb↔\]Á  
 ~àÁRá↔^æÈÁ Ô↔^á→]ÊÁ\áæãÁáããÁ\}\~Á^æ}Á↑↔bb↔~^bÁã↔&á\Á↔^Á\$~ã\→á^áÈÁ~^æÁ  
 ~àÁ\áæÁÙ↔b^~^b↔^ÁU]^~ãÁá^áÁ~^æÁ~àÁ\áæÁN↑æã↔^á^ÁQ|\áæáá^ÁOá|ã^áÈÁ Ø\Á↑á]Á  
 âæÁ|bæà|→Á\~Á^~^æÁ\áá\Á~àÁá→Á\áæÁQ|\áæáá^ÁU]^~ábÁ↔^ÁSæ}ÁÔ^&→á^áÈÁ\áæÁ  
 N↑æã↔^á^ÁQ|\áæáá^ÁOá|ã^áÁ↔bÁb\ã~^&æb\Á↔^ÁRá↔^æÈÁ}á↔↔æÁ\áæÁQ|\áæáá^Á  
 Oá|ã^áÁ↔^ÁN↑æã↔^áÁ↔bÁ\áæÁb\ã~^&æb\ÁQ|\áæáá^Á^á|ã^áÁâ~ã]Á↔^ÁSæ}ÁÔ^&→á^áÁ  
 ~{æãá→Á}↔\áÁ\áæÁR↔bb~|ã↔^ÁU]^~ãÁbæ^~^ãÁá^áÁ\áæÁN↑æã↔^á^ÁQ|\áæáá^ÁOá|ã^áÁ  
 \á↔ããÈÁ

N\*æ^ä↔[ÁÑÁãæ{æá~bÁbæ{æãá~Á↔^æãæb\↔^&Áàá^bÁábÁ}æ→ÈÁ Ô↔ãb\ÊÁ  
 \áæãÁ↔bÁ{↔ã\|á→]Á^~Á^~ããæb\*~^äæ^æÁâæ\}ææ^Á\áæÁb↔~æÁ~àÁáÁ&↔{æ^Á\~}^Á  
 ~ãÁ^↔\]Áá^áÁ\áæÁb↔~æÁ~àÁ\áæÁ^~^&ãæ&á\↔~^ÇbDÁ}↔\á↔^Á↔\bÁâ~ããæãbÈÁ Ô~ãÁ  
 æ[á↑\*æÈÁáá→àÁ~àÁSæ}ÁU}æææ^Á↔bÁQ|\áæáá^Á}á↔↔æÁQ|\áæáá^bÁ^|↑ææÁ→æbbÁ\áá^Á

ÎQ|\áæáá^ÁO~|^~^↔^Á↔^Á\áæÁÙ↔^æãÁU\á\æbÁ~àÁN↑æã↔^áÈÁ FÏÏIÁWæáãã~~←ÊÁ  
 Ô~ã\ãæbbÁ\$ãæbbÈÁ\$ã↔^áãæ→\*ã↔^áÈÁ FÏÏIÊÁ FHIJÁQONÊÁ IJHÁQOËRUÊÁHGÂNQOÊÁ



Ç\â→bDÁ´à|ã\âÁØÁâæ→æ{æÁ↔bÁ&~↔^&Á\~ÁâæÁâ→æ´\æäÁ\~}äääÁ\âæÁ´ää↔^&Áá´ää  
 |^âæāb\á´â↔^&Á↔^Á↑↔^↔b\ã]Á\~Á\âæÁá&↔^&ÈÁĬÁ Şáb\~ääÓáã~→ææÁŮ↔\bÁ~àÁ\âæÁ  
 âää´ää´æ}Á↑↔bb↔~^Á↔^ÁŞ~ã\→á´ääĬÁ|bæbÁ\*|\*\*æ\bÁ\~Áâæ→{æäÁâæäÁ↑æbbá&æÁ↔^Á  
 \*→á´æbÁ→ææÁâ~b\*↔\á→bĬÁ

Óá´âÁ\*|\*\*æ\ÁâābÁáÁâá´â↔´á´Á~àÁb~↑æÁ↔^âĬÁ ŪæææÁ↔bÁŮ|↔æÁŮ~^&ĬÁ áÁ  
 äæääÁ´â↔→äÁ\á~Á|bæbÁb↔^Á→á´&|á&æÁ\~Á´~↑^|↔^´á\æĬÁ ŪæææÁ↔bÁá→b~Á  
 Òæää\ÁØæá\âæäĬÁ á´ÂN↑æä↔´á´ÁØ´â↔á´Á\á~Á&æ\bÁáâ~|\Á↔^ÁáÁ\}âææ→´ää↔äĬ FĬÁ

ÒæäÁ&ã~}\âÁá´\↔^´á\↔~^Á↔bÁá↑~^&Áá´~\âæäÁ´æ&→æ´\æäÁ\*~ã\↔~^Á~àÂN↑æä↔´á´Á  
 á´ääRá↔^æÁb~↔æ\ĬÁ ŪæÁbá|bĬÁ

ØÁ\á´\Á\â→bÁ↑↔^↔b\ã]Á\~Á↑á←æÁáÁ\*âææææ´æÁà~ää\âæÁ\*~ãĬÁ ØÁ\á´\Á\~Á  
 \æ→Á\*æ~\*→æÁ\~Á´~↑æÁábÁ\âæ]ÁääæĬÁ^~Á↑á\æäÁ\á´\Á´~\âæbÁ\âæ]Á↑↔&á´\Á  
 âæÁ\}æää↔^&Ĭ FĬÁ

Şáb\~ääŞá|→ÁŌá´←æÁ~àÂNæá|\↔à|→ÁŪá{↔~ää↔^ÁŞ~ã\→á´ääâæb´â↔ææbÁâ→bÁ´~^&æĬ  
 &á\↔~^CbÁá´ääÁâ→bÁ~}^Á\*æāb~^á→ÁŮ´ã↔\*|\æĬ´æ´\æäæääÁ\|\↔|\æÁ\~}äääĬ&ã~}\âÁ  
 ábÁ\}æ→ÁábÁb~↑æÁ~àÁ\âæÁâæābÁ\á´\Á↓|b\Á´á|\ãá→]Á´~↑æÁ\↔\âÁ\âæÁ\æää↔\~ã]ĬÁ

ØÁ\â↔^←Á\âæÁ→áb\Áâ~|ää]æāābÁáá{æÁbææ´ÁáÁâæ↔&á\æ´æääÁ\}ääæ´æbbÁ~àÁ\âæÁ  
 ^ææäÁ\~ÁâæÁáÁâæá´â↔^&Á~|\Á´~^&æ&á\↔~^Á\↔\âÁ\âæÁŌ~b\*æ→Á~àÁŌæb|bÁ  
 Ōää→b\ĬÁ Ū~↑æ\↔↑æbÁ↔^ÁáÁ↑↔bb↔~^Ábæ\|\↔^&ĬÁ ØÁä~^C\Á´~}Á→àÁ\â→bÁ  
 \*æ´|→äääÁ\~ÁŮ↔b´~^b↔^ÁŮ]~^âĬÁ\âæÁ´~^&æ&á\↔~^Á{↔æ}bÁ↔\bæ→àÁábÁáÁ  
 →áb\Áâáb\↔~^Á~àÁ~ã\á~ã-[ĬÁá´ää{↔æ}bÁ~|\b↔æābÁ\↔\âÁá´æä\á↔^Áá↑~|^Á  
 ~àÁb|b\*↔^↔~^ĬÁ Ñ|\ÁØÁ\â↔^←Á\}æĬÁ Şáb\~ääÁ´ää↑æ↑æābÁ↔^´→|äääĬÁáá{æÁ  
 &~\æ´Ááâ~|^ää\~Á\âæÁ{↔æ}\*~↔^Á\}æÁ´á^C\Á↓|b\Áb\á]Á\↔\â↔^Á~|ääà~|ää  
 }á→bÁá´ää\*ää´\↔´æÁ~|ää~ã\á~ã-[ĬÁ\âææĬÁ ŪææÁŌæá\ÁŌ~^↑↔bb↔~^Á\á´\bÁ  
 |bĬÁ|â&æbÁ|bĬÁ´~ã↑\á´ábÁ|bÁ\~Á&æ\Á~|\Á\↔\âÁ\âæÁŌ~b\*æ→Á~àÁŌæb|bÁŌää→b\Á  
 á´ää\æ→Á~\âæābÁáâ~|\Á\Áá´ääØÁ\â↔^←Á\á´\bÁ\âæb~ã\Á~àÁ&ã~}\âÁ\}æÁ  
 áá{æÁbææ´Á↔^Á\âæÁ→áb\Áâ~|ää]æāābĬÁ Ūáá\Á↔bÁ\âæb~ã\Á~àÁ\*æāb~^á→Á  
 &ã~}\âÁá→b~Á\á´\ÁØÁáá{æÁæ[\*æä↔æ´æäĬÁ ØÁâæ´æ´\→]ÁääæääÁáÁ@|~\æÁää~↑Á  
 Ō~ã´ĬÁŪĬÁ R~^&~↑æä]Á\á´\Á~^æÁ~àÁ\âæÁ\â↔^bÁ\}æÁâ~^C\Áâ~Á\}æ→Á↔^Á\âæÁ  
 Q|\âæää´Ábæ↑↔^ää]Á↔bÁ\á´\Á\}æÁâ~^C\Á\á´áÁ↑↔bb↔~^bÁ\âæÁ\}á]Á\}æÁbâ~|→ääĬÁ

Ĭ~ää→ÁŌ↔b\~ã]Á~àÁĬÁ´↔æ→ÁŌ↔âæ\ĬÁŌ|→]ÁĬĬĬÁ FĬĬĬĬÁ \*ĬÁ ĬĬÁ

→ŞŞ~ã\→á´ääĬÁ Rá↔^æÁŌ{æ^↔^&ÁŌ[\*ääæbĬÁĬÁ´æ↑âæääĬÁĬÁ FĬĬĬĬÁ ĀØ\CbÁæáb]Á\~Á  
 â↔ææÁ\*ã~{æä\ĬÁQ|\âæää´Á↑↔^↔b\ã]Áääæá´â↔^&Á~|\Á\~ÁŮæb\ÁŌ´àCbÁ Câ↔ääæ´Á  
 \*~ãĬÁĬÁ \*ĬÁ ĬĬÁ

→ää↔ääĬÁ \*ĬÁ S.

ÙæÁ{↔æ}Á~|ãbæ→{æbÁä|ã↔^&Á~|ãÁbæ↑↔^áã]Áää]bÁábÁ↑↔^æ^á^æÁ↑↔^b\æãbÁ  
&~↔^&Á~|Á\~Ábæã{æÁá^Áæb\áâ↔bæãÁ~^&ãæ&á\↔^Áá^äÁ&~↔^&Á\~Ábæã{æÁ  
Ö~äCbÁ\*æ~\*æÁ}↔\áÖ~äCbÁÛ~ãäÁá^äÁ\áæÁ↔äæá~àÁ&~↔^&Á\~Á\áæÁ|^'á|ã'áæãÁ  
}↔\á\á\áæÁÖ~b\*æ→EÁ}á↔↔æÁ↔\á↔bÁ\áæãEÁ↔\á↔bÁ'æã\á↔^]Á^~\Á\áæãæÁ↔^Áá^]Á  
&ãæá\áæáb|ãæEÁ Úá↔bÁ↔bÁb~↑æ\á↔^&ÁÖÁá{æÁä↔b~{æãæãÁÖÁá{æÁ\~Á~{æãE  
~↑æEÁ ØÁ^æ{æãÁæ^{\↔b↔^æãÁ↑]bæ→àÁ&~↔^&Á\~ÁáÁ↑↔bb↔^Á~^ãæ&á\↔^EÁ  
ØÁá→↑~b\Áb}á→~}æãÁ↑]Á\ææ\á\á\á^ØÁáæãäáÁ↑]Áább↔&ã|^æ^EÁ GA

Şáb\~ãÁN→↔æ^ÁÑáã^æbÁ~àÁÛæb\âã~↔~Áb\*~↔æÁ\~Á\áæÁä↔àä↔^|→\Ááá↓|b\Ë

↑æ^bÁ\áá\Áá^Á~→äÁæb\áâ↔bæãÁæ\á↔^'Á~^&ãæ&á\↔^ÁáábÁ\~Á&~Á\áã~|&áÁ↔^Á

~ãæãÁ\~Áæ^~|ãá&æÁá^äÁ~\*æÁ}↔\áÁ↑æá↔^&à|→Á&ã~}\áÌÁ

ØÁ\á↔^Á~^æÁ~àÁ\áæÁ\á↔^&bÁ\á\Ááá\*æ^æãÁ\~Á\áæÁQ|\áæãá^Á'á|ã'áæbÁ↔bÁ  
\áæ]Á}æãæÁbææ^ÁábÁæ\á↔^'Á'á|ã'áæbÁb~Áæ{æ^Á\á~|&á\á\á\ÁáááÁá&~ãÁ  
'~^ææbb↔^á→EÁ&~ãÁb\*↔↔\á→EÁ&~ãÁb'ã↔\*|\á→Ááá'↔ã~|ã'áá^äÁ\áæ]Á  
\*ãæá^áæãÁ\áæÁÛ~ãäEÁ↔\á}ábÁá→}á]bÁbææ^ÁábÁáÁá^↔báÁ'á|ã'á~ãÁ\áæ  
S~ã}æ&↔^Á'á|ã'áEÁ Úáæ]Áá|^&Á~^Á\~Á\áæã\áá↔↔^á→Á^á&|á&æbÁ|^\*Á  
|^↔^Á\áæÁ→á\æÁ Ç ∈b Êæáá→]Á ÇE bÁâæà~ãæÁ\áæ]Á}æ^Á\~Á\á|→ÁÖ^&↔báÁ  
bæã{↔^æbÁáæãæEÁ Ú~Á↔\Áâ→~↔æãÁ~|\ÁáÁ~\Á~àÁ\áæÁ~↑|^↔\]EÁ Øáá~|Á  
ä↔^á^C\Á↑áãã]Á~^æÁ~àÁ\áæÁ\*æ~\*æÁ}á~Á}æ^Á\ÁæãæÁá^äÁ}æãæÁ~\Á}↔↔^&Á  
\~Á→æãá^Áá^↔báÁ~ãÁá\Á→æáb\Á~↑æÁ\~Á\áæÁbæã{↔^æbÁ↔^Áá^↔báEÁ\áæãæ  
}áb^C\ÁáÁæã→Á~|\áæá'á↔^&Á&ã~|^E<sup>F</sup> GÁ

Şáb\~ãÁÖá^←ÁRá[↔↑Á~àÁ\áæÁ^æ}Á↑↔bb↔^Á↔^ÁÖ→b}~ã\áÁáábÁáÁãá\áæãÁ

|^↔@|æÁáá^á→æÁ~^ÁÁ&ã~}↔^&Ááá^á|ã'áÁÁÁ Úáá^←bÁ\~Á\áæÁæ^~|ãá&æ↑æ^Á~àÁ

\áæÁ~^→]Á~\áæãÁ↑↔^↔b\æãÁ~àÁáá↔\|ã&↔^á→]ÁáábæãÁ~^&ãæ&á\↔^Á↔^Á\~|^EÁ

Ôá\áæãÁÖ~ãáá↑Á~àÁUá↔^ÁÖ~bæ\*áCbÁP~↑á^ÁÖá\á~↔^EÁ Şáb\~ãÁRá[↔↑Á]ábÁ↔^E

\ã~ã|^æãÁ\~Ááá^~|^\*æÁäã~↑ÁÔá\áæãÁÖ~ãáá↑CbÁ~^&ãæ&á\↔^EÁ Úáæ]Áâæ^á↑æÁ

b~Áæ[↔\æãÁáâ~|\Á\áæÁ\*~bb↔â↔\]Á~àÁ\áæÁ^æ}ÁQ|\áæãá^Á↑↔bb↔^Á↔^Á\~|^Á

\áá\Á\áæ]Á\*|\Á|^Á\áæÁàãb\ÁÁGIÊÊ€€Á~^Ááá^ã↔↑æÁ^↔æ^æÁ~àÁ→á^ãá~ãÁUá↔^Á

N^ãæ}CbÁ\~Áâ|↔ãÁ↔\bÁæã↔à↔^æÁ|^\*~^Á↔^Á\áæÁ^æããÁà|\|ãæE<sup>F</sup> HÁ ÚáæÁb~|ã'æÁ

<sup>F</sup> G~ãá→ÁÖ↔b\~ã]Á~àÁŞá|→ÁÖá^←æEÁN|&|b\ÁFÎÊÁ<sup>F</sup> ÎÎJÊÁ\*ÊÁ FËGÊÁ

FĜ~ãá→ÁÖ↔b\~ã]Á~àÁN→ÁÑáã^æbÊÁÖ|→]ÁĜFÊÁ FÎÎJÊÁ\*ÊÁ IÊÁ

<sup>F</sup> Hb\ÊÂN^ãæ}ÁQ|\áæãá^ÁÖá|ã'áÊÁÖ→b}~ã\áÊÁRá↔^æÊÁÖ|^æÁFÎÎJÁ^æ}bÁ  
ãæ→æábæÊÁ\*ÊÁ ĞÊÁ

$$\acute{a}^{\sim}\acute{a}\acute{a}^{\sim}\acute{a}\backslash\mid\tilde{a}\tilde{x}\tilde{A}^{\sim}\tilde{a}\tilde{A}\backslash\grave{a}\grave{\Rightarrow}b\acute{A}\&\grave{\Rightarrow}\grave{A}\backslash\grave{a}b\acute{A}b\sim\acute{A}\acute{x}[\backslash\tilde{a}\tilde{a}\sim\tilde{a}\tilde{a}\grave{\Rightarrow}^{\sim}\acute{a}\tilde{a}\backslash]\acute{A}\backslash\grave{a}\grave{a}\backslash\acute{A}b\sim\uparrow\acute{x}\acute{A}\grave{\Rightarrow}^{\sim}\backslash\acute{x}\tilde{a}\tilde{x}b\backslash\grave{\Rightarrow}^{\sim}\&\acute{A}$$
$$Q\left|\left|\begin{array}{c} \text{ã ä á}^{\wedge} \text{á}^* \text{ã} \sim \backslash \sim ' \leadsto \text{Á} \text{b} \backslash \text{ã} \Leftrightarrow^{\wedge} \& \text{b} \text{á}^{\wedge} \text{x} \text{x} \text{ä} \text{x} \text{ä} \text{Á} \backslash \sim \text{Á} \text{â} \text{á}^* \end{array}\right|\rightarrow \text{x} \text{ä} \text{Á} \text{à} \sim \text{ä} \text{Á} \backslash \text{ä} \text{x} \text{Á} \& \leftrightarrow \text{à} \backslash \text{Á} \backslash \sim \text{Á} \text{â} \text{x} \text{Á}\right.$$
$$\acute{a} \, \acute{a}^* \backslash \acute{a} \acute{a} \acute{A} \acute{A} \backslash \acute{A} \backslash \acute{a} \acute{a} \acute{A} \acute{R} \rightarrow \text{bb} \leftrightarrow \sim^{\wedge} \acute{A} \tilde{\sim} \acute{a} \acute{a} \acute{a} \acute{A} \sim \acute{a} \acute{A} \backslash \acute{a} \acute{a} \acute{A} \acute{O} \acute{a} \text{b} \backslash \acute{a} \acute{a}^{\wedge} \acute{A} \text{C} \leftrightarrow \text{b} \backslash \acute{a} \leftrightarrow^{\wedge} \acute{A} \sim \acute{a} \acute{A} \backslash \acute{a} \acute{a} \acute{A} \uparrow \acute{a} \acute{a} \leftrightarrow^{\wedge} \acute{a}^{\wedge} \acute{A}$$
$$Q\backslash\grave{\text{a}}\text{æ}\grave{\text{a}}\acute{\text{a}}^{\text{^}}\text{Å}\text{O}\grave{\text{a}}\mid\grave{\text{a}}^{\text{'}}\grave{\text{a}}\text{Å}\hat{\text{A}}\backslash\hat{\text{E}}\hat{\text{A}}\acute{\text{a}}\text{b}\text{Å}\uparrow\leftrightarrow\&\grave{\text{a}}\text{^}\hat{\text{A}}\text{æ}\text{Å}\text{æ}[\text{*}\text{æ}^{\text{'}}\backslash\text{æ}\hat{\text{a}}\hat{\text{E}}\hat{\text{A}}\leftrightarrow\hat{\text{A}}^{\text{'}}]\acute{\text{a}}\text{b}\text{È}^{\text{F}}\text{I}\hat{\text{A}}\quad\text{N}^{\text{^}}\sim\backslash\grave{\text{a}}\text{æ}\grave{\text{a}}\text{Å}^{\text{'}}\sim\text{^}\text{È}$$

&ãæ&\↔~^Á}áâ´ ºÀåábÃâæ^æà⇌\|æäÄ àã~↑ÁáÁÞ~↑á^Á0á\à~↯´ Ábæ^bæÁ~àÀ

$$\hat{a}^{\wedge}x^{\wedge}\{\sim\rightarrow x^{\wedge}\prime x^{\wedge}\leftrightarrow b\hat{A}\hat{O}\rightarrow\}\hat{A}\hat{O}\tilde{a}\sim b\hat{b}\hat{A}\sim\hat{a}\hat{A}P x^{\wedge}\wedge x^{\wedge}\hat{a}\mid^{\wedge}\leftarrow\hat{E}\hat{A}\quad\hat{s}\hat{a}\hat{b}\backslash\sim\hat{a}\hat{A}\quad\tilde{O}\sim\hat{a}^{\wedge}\hat{A}\hat{O}\sim\hat{a}\hat{a}^{\wedge}\hat{A}\backslash x^{\wedge}\rightarrow b\hat{A}\backslash\hat{a}\hat{A}$$

b\~ã]ÁábÁ↔\Á}ábÁăă→ă\ăăÁ\~Ăă↔↑Ăă]Ăă↔bÁ\*ăă↔bă↔~^ăăbİĂ

ØÄä~^C'Ä~^~}Ä\äæÄä[ä^\'Äää\æÄä|\ÄØÄäæ~æ{æÄ↔Ä}äbÄ\_F\_ííííííÄ}\äæ^Ä\äæÄ  
 Oá\ä~^~}Ä^ä\ä^äÄ↔Ä^~}^ÉÄÜ\_ÉÄ\_R^~↔äCßÄ}\ä↔äÄäääÄ\*äæ{↔~|b~}Ä}\~äbä↔\*ääÄ  
 äæäæÄä^äÄ\äæ^Ä~{ääÄ\~Ä\äæÄ^~ä\äÄb↔äæÄ-äÄ\~}^ÉÄ\_Üäæ^Ä}\äæÄ~^~↔~&Ä\~Ä  
 bæ~^Ä\ä↔bÄä↔~ä↔~&Ää^äÄ\*ä~\*ää\|Ää^äÄ\äæ\Äb~^äÄ↔Ä\~Ä\|bÄä~äÄØÄäæ~æ{æÄ  
 ÄíÉÉÉÉÄä^äÄ\äæÄ\*ä~\*ää\|Ä^æ|\Ää~~äÄä^äÄÄb↑ä~^Ä~^Ääæä~^äÄ\äæÄ^ä\ä^äÉÄ  
 Ü~ää\|Ä\ä~Ä~^}bÄ}\ää\Ä\äæÄ\*ä~\*ää\|Ä}~|^äÄäæÄ}\~ä\äÄ\Ä↔Ä}\äbÄäÄäæä~^Ä  
 &↔ä\ÉÄ\_IJA

$$\hat{O} \leftrightarrow \hat{a} \rightarrow |\hat{E}\hat{A}\rangle \leftrightarrow |\hat{a}\hat{A}\hat{a}\hat{x}\hat{a}\hat{a}\hat{A}\hat{A} \sim \hat{A}\hat{a} \sim \rangle \setminus \hat{a}\hat{E}\hat{A} \setminus \hat{a}\hat{x}\hat{x}\hat{A} \leftrightarrow \hat{b}\hat{A}\hat{a}\hat{A} \{ \hat{x}\hat{a} | \hat{A}\hat{x}^{\wedge} \sim | \hat{a}\hat{a} \leftrightarrow \hat{x} \hat{A}^{\wedge} \sim \hat{a}\hat{x}\hat{E}$$
$$\rightarrow \hat{a} \leftrightarrow \hat{A} \hat{x} \setminus \{ x \hat{x} \hat{A} \setminus \hat{a} \hat{A} \setminus \sim \hat{A} \sim \& \hat{x} \hat{a} \leftrightarrow \hat{b} \hat{A} \} \leftrightarrow \hat{a} \hat{A} \setminus \hat{a} \hat{A} \rightarrow \hat{a} \& \hat{x} \hat{b} \setminus \hat{A} \hat{a} \setminus \hat{a} \& \hat{x} \setminus \hat{b} \hat{A} \hat{a} \setminus \hat{a} \hat{A} \setminus \hat{x} \leftrightarrow \hat{a} \hat{A}$$
$$\mathfrak{x}^{\uparrow} \ast \mathfrak{a} \mathfrak{a} \mathfrak{b} \Rightarrow \mathfrak{b} \mathfrak{A} \sim \mathfrak{A}^{\circ} \wedge \backslash \mathfrak{x}^{\wedge} \mathfrak{b} \Rightarrow \{ \mathfrak{x} \mathfrak{E} \mathfrak{A} \sim \mathfrak{A}^{\circ} \& \sim \Leftrightarrow \mathfrak{A} \mathfrak{A} \tilde{\mathfrak{N}} \Leftrightarrow \mathfrak{a} \Rightarrow \mathfrak{x} \mathfrak{A} \mathfrak{b} \mid \mathfrak{a} \mid \mathfrak{E} \mathfrak{A} \quad \hat{\mathfrak{O}} \Rightarrow \mathfrak{a} \mathfrak{b} \backslash \mathfrak{A} \mathfrak{O} \mid \backslash \mathfrak{a} \mathfrak{x} \mathfrak{a} \mathfrak{A}^{\circ} \mathfrak{A} \mathfrak{a} \mid \mathfrak{a}^{\circ} \mathfrak{A} \mathfrak{A} \sim \mathfrak{A} \mathfrak{A}$$
$$S \sim \tilde{a} \rightarrow \hat{a} \hat{a} \hat{a} \leftrightarrow b \hat{A} \sim \tilde{A} \rightarrow \tilde{A} \mid \hat{a} \hat{a} \hat{b} \hat{a} \sim \tilde{a} \hat{A} \rightarrow \tilde{a} \hat{a} \hat{b} \mid \hat{A} \hat{a} \mid \leftrightarrow \{ \hat{a} \hat{A} \sim \tilde{a} \hat{a} \hat{a} \hat{a} \mid \leftrightarrow \hat{A} \leftrightarrow \hat{A} \mid \hat{a} \hat{a} \hat{b} \mid \hat{a} \mid \hat{a} \hat{A}$$

Cá^`äÁ\`ãæãà~ãÄÄä´↔äæä→|Áæ\`ä^↔´Á↔↔Á~ã↔↔↔DÊÄâ|\`Áá→b~ÁäábÁ\`ãæÄà~|ã\`äÁ

→áã&æb\Á↑æ↑âæãbâ↔\*ÉÁ Ø\ÁâääÁáÁâ|ä&æ\Á~àÁÅ\_F ĞĖĖĖĖÀ~ãÁ\_F ÎÎWÁá^äÁá→ǎ~|&ǎÁ

↔\Áà↔→Ábã~ã\Á~à\áá\Áâ\Á~{\æã\}\æ^\|\Á\á~|bá^äÄä~→ääbÊÄ↔\Á\ábÁb\↔↔→Á

\\aAAbæ'~^äÄ→ää&x\b\Äâ|ä&x\Ä~àÄá^|ÄÖ|\\aäá^Ä'~^&äx&á|\\~^ÈÄ Ùäx^Ä|ä↔bÄ

[illegible]

0|\`aæãä^Áæäèà´æÁ↔^ÁRá↔æDÁ á´äÁÁÁ↑æ↑âæbâ↔\*Á~àÀ~^→|Á\`ääæÁä|^ääæäÁ^ää

$$\hat{a} \Rightarrow \hat{a} \mid \hat{E} \hat{A} \Leftrightarrow \hat{b} \hat{A} \Uparrow \hat{*} \hat{a} \hat{' } \hat{A} \Rightarrow \hat{b} \hat{A} \hat{b} \mid \hat{a} \hat{b} \hat{a} \hat{' } \hat{\Rightarrow} \hat{A} \hat{A} \hat{b} \hat{*} \hat{a} \hat{' } \hat{\Rightarrow} \hat{A} \mid \hat{A} \mid \hat{a} \hat{a} \hat{' } \hat{A} \mid \hat{a} \hat{' } \mid \hat{E} \hat{A} \Rightarrow \{ \hat{a} \hat{A} \mid \sim \hat{A} \mid \hat{a} \hat{\Rightarrow} \hat{A} \mid \hat{A}$$
$$*\alpha\tilde{\alpha}' \alpha^{\wedge} \tilde{A}\sim\grave{a}\tilde{A}\backslash\grave{a}\alpha\tilde{A}\backslash\sim/\acute{a}\rightarrow\tilde{A}\oplus b\hat{A}\&\oplus\{\alpha^{\wedge}\tilde{A}\backslash\sim\hat{A}\hat{\alpha}\alpha^{\wedge}\alpha\leadsto\alpha^{\wedge}\cdot\alpha b\in{}^F\dot{I}\hat{A}\quad S\hat{a}\ominus^{\wedge}'\alpha\tilde{A}\sim\grave{a}\hat{A}S\alpha\acute{a}'\alpha\tilde{A}\sim\grave{a}\hat{A}$$
$$^{\text{FI}} \sim \tilde{a} \tilde{a} \rightarrow \tilde{A} \tilde{0} \leftrightarrow b \setminus \sim \tilde{a} \mid \tilde{A} \sim \tilde{a} \tilde{A} \tilde{0} \tilde{a}' \leftarrow \tilde{A} \tilde{R} \tilde{a} \left[ \Leftrightarrow \uparrow \hat{\tilde{E}} \tilde{A} \tilde{O} \mid \rightarrow \right] \tilde{A} \tilde{G} \tilde{I} \tilde{E} \tilde{A} \tilde{F} \tilde{I} \tilde{I} \tilde{N} \tilde{E} \tilde{A} * \tilde{E} \tilde{A} \tilde{H} \tilde{E} \tilde{A}$$
$$F_{IJ} \sim \tilde{a} \dot{a} \rightarrow \dot{A} \dot{O} \leftrightarrow b \setminus \sim \tilde{a} | \dot{A} \sim \dot{a} \dot{A} \tilde{O} \sim \dot{a}^{\wedge} \dot{A} \dot{O} \sim \tilde{a} \& \dot{a}^{\wedge} \dot{E} \dot{A} \tilde{O} | \rightarrow | \dot{A} _F | \dot{E} \dot{A} \tilde{I} \tilde{I} \dot{U} \dot{E} \dot{A} * \dot{F} \dot{A} \dot{G} \dot{A}$$

Fig. 1.  $\tilde{\alpha} \rightarrow \alpha \bar{\alpha} \gamma$  and  $\tilde{\alpha} \rightarrow \alpha \bar{\alpha} \pi$  decays of  $\tilde{\alpha}$  into  $\alpha \bar{\alpha} \gamma$  and  $\alpha \bar{\alpha} \pi$ .





ãæá↔\]ÊÁ\åæÁ'↔\]Á~àÁ\$~ã\→á^äÁá^äÁæ^{↔ã~^bÊÁ ÚåæÁ'~^\'bÁá↑~^&Á\åæÁ  
 Q|\åæãá^bÁããæÁâ~\åÁ↔^à~ã↑á→Áá^äÁà~ã↑á→Áá^äÁ↔^'→|äæÁá→Á~àÁ\åæÁ'~^Ê  
 &ãæ&á\↔~^bÁ↔^Á\åæÁ&ãæá\æãÁ\$~ã\→á^äÁáãæÁæ[ 'æ\*\Áà~ãÁ\åæÁÛ↔b'~^b↔^Á  
 Ó{á^&æ↔~^'á→ÁQ|\åæãá^Á'~^&ãæ&á\↔~^ÊÁ ÚåæÁR↔bb~|ã↔ÁU]^~äÁ'~^&ãæ&á\↔~^bÁ  
 ↔^ÁOá\*æÁÓ↔~^áâæ\åÁá^äÁÛá\æã{↔↔↔æÁãæ↑á↔^Á~|\Á~àÁà~^'á→Áá\→äãÁá^äÁ\*|→\*↔\Á  
 àæ→~}bå↔^Áâ|\Áà↔^äÁ~\åæãÁ~\*~ã\|↔↔↔æbÁ\~ÁâæÁ\*áã\Á~àÁ\åæÁQ|\åæãá^Á  
 æ[ \*æã↔æ^'æÁ↔^Á&ãæá\æãÁ\$~ã\→á^äÊÁ

ÚåæãæÁããæÁbæ{æãá→Á'~^'æ'\ã↔^Á'↔^'→æbÁ~àÁ↓↔^'\ÁQ|\åæãá^Á'~^&ãæ&áÊ  
 \↔~^'á→Áæ^äæá{~ãÁ↔^Á\åæÁããæáÊÁ Ô↔ãb\ÊÁ\åæãæÁ↔bÁ\åæÁ&ã~|\*Á~àÁ'~^&ãæ&á\↔~^bÁ  
 }å↔^'á'~\*æãá\æbÁ↔^Á{↔ã\|á→\]Áá→Áæ^äæá{~ãbÁá^äÁ↔^'→|äæbÁ\åæãæÁN↑æã↔^'á^Á  
 Q|\åæãá^Á'~^&ãæ&á\↔~^bÊÁÛã↔^'\]ÊÁÛæb\åã~↔~ÌÁÓ↑^'á|bÊÁÔá↑~|\åÌÁá^äÁÔ↔ãb\ÊÁ  
 \$~ã\→á^äÌÁ \*→|bÁ\åæÁ~^→\]ÁQ|\åæãá^ÁOå|ã'áÁ↔^ÁN↑æã↔^'á'~^&ãæ&á\↔~^Ž↔^Á\åæÁ  
 áãæáÊÁUá↔^'\ÁN^b&áãÊÁ ÚåæbæÁ'~^&ãæ&á\↔~^bÁæ{æ^Á\*~→Á\åæããæáà~ã\åæÁ~ãÁ  
 '~↑å↔^æäÁQæ^'æ^Ábæã{↔^'æbÁá^äÁ\åæÁ~\*æÊÁ Uæ'~^äÊÁ\åæãæÁ↔bÁáÁ&ã~|\*Á}å↔^'áÁ  
 \*áã\↔^'↔^'á\æbÊÁ↔^'Ááã↔\↔~^Á\~Á\å~bæÁ'~^&ãæ&á\↔~^bÁ↓|b\Á~\*b\æäÊÁ↔^'ÁáÁ  
 }æ↔→\]Á\$áb\~ãCbÁÑ↔^'æÁU\|ä\]ÊÁ↔^'Á\æãá→\]ÁOå~ãá→Áàæb\↔{á→bÁá^äÁæã~^'á\↔~^Á  
 'æ~æããá\↔~^Áá^äÁ↔^'Á\åæÁb~'↔^'á↑↔^'b\ã\]Ááã↑Á~àÁQ|\åæãá^'↔^'b↑Á↔^'Áb~|\åæã^Á  
 Rá↔^'æÁ~^'~}^ÁábÁ\$~ã\→á^äÁNãæáÁQ|\åæãá^ÁUæã{↔^'æbÁ Ç\$NQUDEÁábÁ}æ→ÁábÁ\åæÁ  
 áá↑↔^'b\ãá\↔~^Á~àÁ\åæÁ\$~ã\→á^äÁ~à↔^'æÁ~àÁ\åæÁ\$æ}ÁÓ^&~^'á^äÁQ|\åæãá^Á  
 Uæã{↔^'æÁNbb~'↔^'á\↔~^Á ÇQUNDÁ}å↔^'áÁábÁ↔\åæãæ&↔~^'á→Áãæáã@|ãã\æãbÁ↔^'Á  
 Ôãá↑↔^'&ãá↑ÊÁRábbá'á|bæ\|bÊÁ ÚåæbæÁ'~^&ãæ&á\↔~^bÁ↔^'→|äæÁ\}~Á↑~ãæÁ  
 N↑æã↔^'á^ÁQ|\åæãá^Á'~^&ãæ&á\↔~^bÊÁ Ô~→\]ÁOã~bbÊÁPæ^'æâ|^'Áá^äÁÔá↔\åÊÁ\$~ã\åÁ  
 Û↔^'ääá↑ÌÁÔãá'æÊÁN|â|ã^Á~àÁ\åæÁNbb~'↔^'á\↔~^Á~àÁÓ{á^&æ↔~^'á→ÁQ|\åæãá^Á  
 Oå|ã'áæbÌÁá^äÁ\åæÁR↔bb~|ã↔^'~^&ãæ&á\↔~^ÊÁæãææ↑æãÊÁOá\*æÁÓ↔~^'áâæ\åÊÁ  
 Ô↔^'á→\]ÊÁ\åæãæÁ↔bÁ\åæÁ→áã&æb\Á&ã~|\*Á}å↔^'áÁ↔^'→|äæbÁá→Á~àÁ\åæÁà~ãæ&↔^'&Á



{æ^|\|ãæÁ}⇔\áÁáÁ↑á↓~ãÁ´~^b|→\⇔^&Áá^áÁ´~^b\ã|´\⇔~^Áà⇔^Á⇔^Á\|ãæÁáãæáÊÁ  
 ⇔´\áãÁÑbb~´⇔á\æbÊÁ Úá⇔bÁ|´äæã\á⇔⇔^&Á⇔bÁ´~^b⇔äæãáá→æÁà~ãÁb|´áÁáÁb↑á→Á  
 &ã~|\*Á~àÁQ|\|ãæãá^bÁâ|\|Á&æ^æãá→\|Áá´←^~}→æä&æãÁ\~ÁâæÁ}~ã\|áÁ\|ãæÁã⇔b←Áá^áÁ  
 ááããáÁ}~ã←Á⇔^{\{æãÊÁ ŞNQUÁ\}ábÁ\|ãæÁããæá↑Á~àÁ\}~Áà~ã↑æãÁRá⇔^æÁ\*áb\~ãbÊÁ  
 Q⇔^ÁŠ\*äæãâæ´←æÁ~àÁÔ⇔ãb\|Áá^áÁÖæ~ã&æÁPää|bÁ~àÁPæäææ↑æãÊ<sup>G</sup> GÁ Š\*äæãâæ´←æÊÁ  
 ^~\}Á⇔^ÁÜ⇔ã&⇔^⇔áÊÁ\|ábÁ\|ãæÁb\*æ´⇔á→Á&|æb\|Áb\*æá←æãÁá\|Á\|ãæÁäæã⇔´á\⇔~^ÊÁ á^áÁ  
 Pää|bÁ⇔bÁ´|ãææ^~\|ÁáÁŞã~àæbb~ãÁá\|ÁO~^´~ãä⇔áÁÚáæ~→~&⇔´á→ÁUæ↑⇔^áã\|ÊÁ Ô~ã\|Á  
 Ûá\|æÊÁ Ø^ä⇔á^áÊ<sup>G</sup> GÁ

Ñ~\|áAQ|\|ãæãá^Áàãá\æã^á→Á⇔^b|ãá^´æÁ~ã&á^⇔´á\⇔~^bÁáãæÁãæ\*ãæbæ^æãÁ  
 ⇔^ÁRá⇔^æÊÁ~^ÁáÁb↑á→Áb´á→æÊÁ ÚáæÁÑ⇔äÁÑbb~´⇔á\⇔~^Áà~ãÁQ|\|ãæãá^bÁáábÁ↓|b\|Á  
 ~\{æãÁà~|ãÁâ|´äãæãÁ\*~→´\|á~→äæãbÁ\}á⇔æÁ\|ãæÁQ|\|ãæãá^ÁÑã~\|ãæãá~ãÁáábÁáâ~\|Á  
 \}\~Áâ|´äãæãÊÁ ÚáæÁÑNQÁããá^´áÁáábÁÁCCÖ~ãÁU\|áãÁÁb\|á\|bÁ\}á⇔´á↑æá^bÁ\|áá\|Á⇔\|Á  
 b\*~^b~ãbÁ~→~→~ã~|bÁá´\⇔\{⇔\⇔æbÁæá´áÁ\|æããÁ\}á⇔´á↑|b\|ÁâæÁá\|æ^äæãÁâ\|ÁáÁ  
 ↑⇔^⇔\|´^Á\*æã´æ^á&æÁ~àÁ\*~→´\|á~→äæãbÁ⇔^Á\|ãæÁb\|á\æÊÁ Û⇔\|áÁ↑á^|Á↑æ↑áæãbÁ  
 \}\~Áá^áÁ\|ãææÁâ|´äãæãÁ↑⇔æbÁá\}á\|ÊÁ⇔\|Á⇔bÁ^~Áb↑á→Áàæá\|~ÁâæÁáâ→æÁ\~Á  
 ´áãã\|Á~\|Á⇔\|bÁà|´^´\⇔~^bÁb|´´æbbà|→\|ÊÁ ÚáæÁ→áã&æb\|Á\|áb←Á|´äæã\|á←æ^Á\~Á  
 áá\|æÁâ\|ÁÑNQÁ\|ábÁ\|ãæÁà⇔\{æÁ\|á~|bá^áÁä~→áãÁ´~^b\|ã|´\⇔~^Á~àÁáÁOãã⇔b\|á^Á  
 \*ãæEb´á~→Á\*→á\|ã~|´äÁá\|ÁÔ⇔ãb\|AQ|\|ãæãá^ÁOã|ã´áÁ~àÁŞ~ã\|á^áÊ<sup>G</sup> HÁ ÚáæÁ  
 Q|\|ãæãá^ÁÑã~\|ãæãá~ãÁ⇔bÁ⇔^Á\|ãæÁ\*ã~´æbbÁ~àÁbæ\|⇔^&Á|\*ÁáÁàãá\|æã^á→Áããá^´áÁ  
 ⇔^Á\|ãæÁŞ~ã\|á^áÁããæáÁá^áÁ\}⇔→ÁâæÁãæáã@|áã\|æãæãÁá\|ÁÓ→~→~|bÊÁÔá↑~\|áÊÁ

<sup>GG</sup> ~ãá→ÁÔ⇔b\~ã\|ÊÁÖãæ&ÁŞá&áÊÁÔ|→\|Á<sup>G</sup> ÊÁFÍÎJÊÁ\*ÊÁ<sup>G</sup> ÊÁ

<sup>GG</sup> ´~^{\{æãbá\|⇔~^Á\}⇔\|áÁÔ~á^ÁPää|bÊÁ ÊãÊÁ Pää|bCÁ\|~|´&æb\|Áb~^ÊÁ ÔæãÊÁ ÎÊÁ  
 FÍÎÎÊÁ N→Áá~|ãÁ~àÁPää|bCÁb~^bÁáá\{æÁãæ\|ã^æãÁ\~Á~→\{æÁ⇔^ÁRá⇔^æÁb⇔^´æÁ  
 ´á~→~^&ÁPæäææ↑æãCbÁ\*áãb~^á&æÁCCã~↑ÁFÍÎHÊFÍÎÊÁ

<sup>GH</sup> ´~^{\{æãbá\|⇔~^Á\}⇔\|áÁÔ|~→æÁŞá→\|ÊÁ Ôæãã\|áã\|Á<sup>G</sup> F ÊÁFÍÎJÊÁ á\|ÁPæäææ↑æãÁ  
 Q|\|ãæãá^ÁOã|ã´áÁÑ⇔äÁÑbb~´⇔á\⇔~^Áà~ãÁQ|\|ãæãá^bÁÑãá^´áÁHJÎÊÁ↑ææ\|⇔^&ÊÁ

$\emptyset^{\hat{A}} \not\rightarrow \& \mathfrak{a} \backslash \check{A} \sim \grave{A} \backslash \mathfrak{a} \mathfrak{A} \check{\mathfrak{a}} \hat{A} \& \mathfrak{A} \sim \grave{A} \} \sim \check{\mathfrak{a}} \mathfrak{b} \mathfrak{a} \leftrightarrow \ast \hat{A} \sim \ast \ast \sim \check{\mathfrak{a}} \backslash \mid \wedge \leftrightarrow \backslash \leftrightarrow \mathfrak{a} \mathfrak{b} \hat{E} \hat{A} \acute{a} \prime \backslash \leftrightarrow \{ \leftrightarrow \backslash \leftrightarrow \mathfrak{a} \mathfrak{b} \hat{A} \acute{a} \wedge \check{\mathfrak{a}} \hat{A}$   
 $\downarrow \sim \leftrightarrow \wedge \backslash \hat{A} \{ \mathfrak{a} \wedge \backslash \mid \check{\mathfrak{a}} \mathfrak{a} \mathfrak{b} \hat{A} \} \mathfrak{a} \leftrightarrow \acute{a} \hat{A} Q \mid \backslash \mathfrak{a} \mathfrak{a} \check{\mathfrak{a}} \hat{A} \mathfrak{b} \hat{A} \sim \grave{A} \hat{A} R \acute{a} \leftrightarrow \wedge \mathfrak{A} \hat{A} \check{\mathfrak{a}} \mathfrak{A} \leftrightarrow \wedge \{ \sim \rightarrow \{ \mathfrak{a} \check{\mathfrak{a}} \hat{A} \leftrightarrow \wedge \hat{E} \hat{A} \leftrightarrow \backslash \hat{A} \mathfrak{b} \mathfrak{a} \mathfrak{a} \uparrow \mathfrak{b} \hat{A} \grave{a} \acute{a} \leftrightarrow \check{\mathfrak{a}} \hat{A}$   
 $\backslash \sim \hat{A} \mathfrak{b} \acute{a} \} \hat{A} \backslash \acute{a} \hat{A} \backslash \mathfrak{a} \mathfrak{A} \check{\mathfrak{a}} \mathfrak{a} \rightarrow \acute{a} \backslash \leftrightarrow \{ \mathfrak{A} \hat{A} \leftrightarrow \uparrow \ast \acute{a} \prime \backslash \hat{A} \sim \grave{A} \hat{A} \mathfrak{b} \mid \acute{a} \hat{A} \acute{a} \hat{A} \mathfrak{b} \uparrow \acute{a} \rightarrow \hat{A} \wedge \mid \uparrow \hat{\mathfrak{a}} \mathfrak{a} \check{\mathfrak{a}} \hat{A} \sim \grave{A} \hat{A} \ast \mathfrak{a} \sim \ast \rightarrow \mathfrak{A} \hat{A} \acute{a} \wedge \check{\mathfrak{a}} \hat{A}$   
 $\prime \sim \wedge \& \mathfrak{a} \& \acute{a} \backslash \leftrightarrow \sim \wedge \mathfrak{b} \hat{A} \leftrightarrow \mathfrak{b} \hat{A} \uparrow \mid \acute{a} \hat{A} \& \check{\mathfrak{a}} \mathfrak{a} \backslash \mathfrak{a} \check{\mathfrak{a}} \hat{A} \backslash \acute{a} \hat{A} \wedge \sim \wedge \mathfrak{A} \hat{A} \} \sim \mid \rightarrow \check{\mathfrak{a}} \hat{A} \mathfrak{a} [ \ast \mathfrak{a} \prime \backslash \hat{I} \hat{A} \acute{a} \wedge \hat{E} \hat{A} \acute{a} \backslash \hat{A} \ast \check{\mathfrak{a}} \mathfrak{a} \mathfrak{b} \mathfrak{a} \wedge \backslash \hat{E} \hat{A}$   
 $\leftrightarrow \backslash \hat{A} \acute{a} \ast \ast \mathfrak{a} \acute{a} \check{\mathfrak{a}} \mathfrak{b} \hat{A} \backslash \acute{a} \hat{A} \backslash \mathfrak{a} \leftrightarrow \mathfrak{b} \hat{A} \leftrightarrow \uparrow \ast \acute{a} \prime \backslash \hat{A} \leftrightarrow \mathfrak{b} \hat{A} \& \sim \leftrightarrow \wedge \& \hat{A} \backslash \sim \hat{A} \prime \sim \wedge \backslash \leftrightarrow \wedge \mid \mathfrak{A} \hat{A} \backslash \sim \hat{A} \check{\mathfrak{a}} \leftrightarrow \mathfrak{b} \mathfrak{a} \hat{E} \hat{A}$

OÒNŞÚÓPÁŮØÁ

ÙÒÓPÓÁQŮÙÒÓPNSØURÁSSÛÁUÚNSŒUÁØSÁRNØSÓÍÁ

ÚÒÓÁÚÒÓŞQŞÖØONQÁŒØRÓSUØŞSÁNSŒÁØRŞNOUÁŞÔÁÚÒÓÁSÓÚÁQŮÙÒÓPNSÁOØŮPÓØÁ

Q|\åæãá^↔b↑Á↔^ÁRá↔^æÁb\á^äbÁá\ÁáÁ'ã↔\↔'á→Á'ã~bbã~áäÁ↔^ÁFİİÍÁâæË  
´á|bæÁ~àÁ\åæÁ↑~↑æ^~|bÁäæ'↔b↔~^bÁ}á↔'áÁ}↔→ÁâæÁ↑áäæÁá\Á\åæÁO|↑âæã→á^äÁ  
O~|^]\ÁO↔{↔'ÁNãæ^áÁ↔^ÁÕ| ^æÁ~àÁ\å↔bÁ]æääÈÁ Ôã~↑Á\åæÁæ↔{æ^~\åÁ\~Á\åæÁ  
\å↔ã\ææ^~\åÁUåæÁO~^b↔\|\↔^&ÁO~^~{æ^~↔~^Á~àÁ\åæÁSæ}ÁÓ^&→á^äÁU|^~äÁ~àÁ\åæÁ  
^æ}ÁÓ{á^&æ↔→á^ÁQ|\åæãá^ÁOâ|ã'áÁ~àÁN↑æã↔'áÁÇÓQÖNDŒÁ}↔→ÁâæÁ↔^Ábæbb↔~^ÈFÁ  
ÚåæÁá^~\↔'↔\*á\æää{~\æÁ~^Á\åæÁâ↔→á^Á↑æã&æää^\*→á^Á↔bÁáÁà~ãæ&~^æÁ~^~^~|b↔~^ÈGÁ  
Úåá\Á\åæÁ↔↑\*á'\Á~àÁ\åá\Á{~\æÁ}↔→ÁâæÁ|\*~^Á\åæÁä~'\ã↔^æÁá^äÁ\*~↔~^~]Á~àÁ  
Q|\åæãá^↔b↑Á↔^ÁRá↔^æÁ↔bÁb\↔→Áá^Á~^æ^Á@|æb\↔~^ÈĜÁ

Ø^ÁRá↔^æÁ\åæÁ^æ}bÁ~àÁ\åæÁ↔^↔\↔→Á↑æã&æää{~\æÁâ]Á\åæÁ\åæææÁ↑æã&↔^&Á  
â~ä↔æbÁ}ábÁá\*\*→á|äæääâ]Á\åæÁ↑æã↔áÈÁ R~b\Áb|^~ã\↔{æÁ}ábÁR↔'áäæ→ÁÕÈÁ  
R´Rá^|bÁ}á~Á↔^Áâ↔bÁáã\↔→æÁæ^~\↔→æääÈÁÄÖá→æ→|↓ááÁà~ãÁ↑æã&æää~àÁQ|\åæãá^bÁÁ  
@|~\æääÕæb|bÁ\*ää]↔^&Á\~ÁO↔bÁÔá\åæÁáà~ãÁ\åæÁ|^↔\]Á~àÁO↔bÁà~→~}æãbÌÁ

→ÄSEÁŒÁU|^~äÁË ÓQÖNÁ\~ÁÔ~ã↑Áá\ÁŞ~ã\→á^äÈÁRÓÈÁÕ|^æÁFFÈFĝĜÁ Ō~å^Á  
U\*á^&→æää↔^ÁSæ}ÁÓ^&→á^äÁQ|\åæãá^ÈÁ ÇÖá^ÐÔæâÈÁFİİÍDÍÁFÈÁ

GS~\Á~^æÁ~àÁ\åæÁNÓQOÈÁNQOÁ~ãÁQONÁ\*áb\~ãbÁ↔^ÁRá↔^æÁæ[~\*æbbæääÁ^]Á  
ä~|â\Á\åá\Á\åæÁSæ}ÁÓ^&→á^äÁU]^~äÁ}~|→äÁá\*\*ã~{æÁ\åæÁâ↔→á^Á↑æã&æää{~\æÁâ]Á  
áÁ}↔äæÁ↑ää&↔^ÈÁ

ĜÓá'áÁ\*áb\~ãÁ↔^~\æã{↔æ}æää↔^ä↔'á\æää\åá\Áà~ãÁ\*ää'\↔'á→Á\*|ã\*~æbÁ\åæÁ  
↑æã&æää}~|→äÁää{æÁ↔~\↔→æÁ↔↑\*á'\Á|^~^Á\åæÁää]Á\~Áää]Á~\*æää\↔~^Á~àÁ\åæ↔ää  
\*ää↔bâÈÁâ| \Áâ↔bâ&äææääáâ~|\Á}åæää\åæÁä~'\ã↔→á^Áá^äÁ\*ää'\↔'á→Á↔bb|æbÁ  
|↔→Áà↔→á→]Á'~↑æÁ\~Áâæb\ÈÁ

"that all of them may be one . . . so that the world may believe you have sent Me," and went on to describe the merging partners;

The three merging denominations are liberal. All ordain women, for example, and are deeply ecumenical and committed to social activism on behalf of the poor while the Missouri Synod disagrees on each issue.<sup>4</sup>

The Regina Journal Tribune of Saskatchewan, Canada, reported the event as saying this would now be "an American church . . . that brings together all the ethnic strands of American Lutheranism."<sup>5</sup> Missouri Synod's Alive publication of September 8, 1986, simply reported the event under the caption "Three Lutheran bodies give go-ahead to merger in concurrent conventions," with no editorial comment.<sup>6</sup> It did not report that President Ralph Bohlmann appeared at the Lutheran Church in America convention on Friday, August 29, 1986, to offer his "congratulations and best wishes in this wonderful moment."<sup>7</sup>

The major issue which separates Missouri from the merging bodies is with regard to the basic understanding of whether Holy Scripture is God's inerrant Word. The accepted Lutheran understanding of the issue, until recently, has been that of the Preface of the Book of Concord which refers to Holy Scripture as "the pure, infallible Word of God."<sup>8</sup>

<sup>4</sup>Michael J. McMannis in Ethics and Religion section of the Portland Press Herald, September 6, 1986.

<sup>5</sup>Jerry Schwartz in Religion section of the Regina Journal Tribune, Saturday, August 30, 1986, p. 5.

<sup>6</sup>The Lutheran Church-Missouri Synod Alive, Vol. 12, No. 32, Sept. 8, 1986, p. 2.

<sup>7</sup>Schwartz. p. 5.

<sup>8</sup>Theodore G. Tappert, Translator and Editor, The Book of Concord, (Philadelphia, Fortress Press, 1959), p. 8.

Ō~â^ÁÚáã}↔←ÁR~^&~↑æã]Á↔^Áâ↔bÁÚâæÁÚ|↔←äæÁ~àÁŌáã↔b\↔á^ÁÚâæ~→~&]ÉÁ b\á\æbÁ  
 \áá\Áæ↔\áæãÁ\áæÃÑ↔â→æÁ↔bÁÄ↔^æãää^Ááæ^á|bæÁ↔\Á↔bÁ↔^b\*↔äæãÄ~ãÄ↔\Á↔bÁ áÁ  
 â~→~ÄÄ}á↔^áÁ↔bÁ^~Ää↔ààæãæ^Á@|á↔^á\á\{æ→}Á àã~↑Á~\áæãÁâ~→~bÈÄĬÁ NÁ↑á↓~ãÁ  
 ^~^æã^Ááâ~|\Á\áæÁä~\ä↔^á→Á^~b↔\↔~^Á~àÁ\áæÁ^æ}ÁQ|\áæãá^Á^á|ã^áÁ↔bÁ^\*ãæÈ  
 ^↔bæ→]Á~^Á\á↔bÁ@|æb\↔~^Áá^ãÁ~^æÁáábÁ^á|bæÁ\~Á}~^äæãÁ↔àÁ\áæÁá^b}æãÁ}↔→~Á  
 ^~↑æÁ~|\Á↔^Á\äáä↔\↔~^á→ÁQ|\áæãá^Á\æ^bÈÄ

Ø^ÁáÄãæb→|\↔~^Á~\Áb|\*\*~ä\æãÁâ]Á\áæÁà~→~ãÁ^~^↑↔\|ææÁâ|\Á^ãæbæ^æãÁ  
 \~Á\áæÁFĬĬHÁŌ~^{\æ^↔~^Á~àÁ\áæÁæ}ÁŌ^&→á^ãÁÚ]^~ãÁ~àÁ\áæÁQ|\áæãá^ÁŌá|ã^áÁ  
 ↔^ÁN↑æã↔^áÉÄ↔\Á}ábÁ↑~{\æãÁ\~Á↔^→|äæĬÁ

Ø^Á\áæÁ^~^b\↔\|\↔~^Á~àÁ\áæÁ^æ}ÁQ|\áæãá^ÁŌá|ã^áÁáÄãæb^ã↔^↔~^Á~àÁ\áæÁ  
 Ō~→]ÁÚ^ã↔^|\äæbÁábÁ\áæÁãæ^~ãäÁ~àÁŌ~äCbÁãæãæ^\*|\↔\æÁá^Á↔^ÁŌáã↔b\ÉÁ à~ãÁ  
 }á↔^áÁ\áæÁŌ~äÁÚæb\á↑æ^Á^\*ãæ^áãæãÁ\áæÁ|á]Áá^ãÁ|á↔^áÁ\áæÁŌ~äÁÚæb\á↑æ^Á  
 ^\*ã~→á↔^bÈÄ á^ãÁá^Áá^↔^~}→æã&æ↑æ^Á\áá\Á\áæÁŌ~→]ÁÚ^ã↔^|\äæbÁábÁ áÁ  
 }á~→æÁá^ãÁ↔^Áá→Á\áæ^ãÁ^\*ãä\bÁáãæÁä↔\↔^æ→]Á↔^b^\*↔äæãÉÄ äæ|æá→æãÉá^ãÁ  
 ↔^æãáá^ÁÚ~ãäÁ~àÁŌ~äÉÄ á^ãÁ\áæÁ~→]Á↔^ãá→~→á→æÁá|\á~ã↔\]Á↔^Áá→Á  
 ↑á\|æãbÁ~àÁää↔\áÁá^ãÁ~→~àæÉF€Á

ÚáæÁ↑~\↔~^Á}ábÁá^Áá\|æ↑^ÁÈ~Ááã↔^&Á\~&æ\áæãÁ|^äæãÁ~^æÁ^áãá&ãá^áÁ  
 \áæÁ\}~Áä↔ààæã↔^&Á{\æ}bÁ~àÁŌ~äCbÁÚ~ãäÉÄ ÚáæÁà↔äb\Áb\á\æ↑æ^Ááæà~æ^bÁ\áæÁ  
 ^~^b\↔\|\↔~^Á~àÁ\áæÁQ|\áæãá^ÁŌá|ã^áÁ↔^ÁN↑æã↔^áÉÄ}á↔^æÁ\áæÁbæ^~^ãÁãæà~æ^bÁ  
 \áæÁ^~^b\↔\|\↔~^Á~àÁ\áæÁN↑æã↔^á^ÁQ|\áæãá^ÁŌá|ã^áÉÄ ÚáæÁ ↑~\↔~^Á}ábÁäæÈ  
 àæá\æäÉÄ

ÉÁ ĬŌ~ÁÁ Ūãã}↔←ÁR~^&~↑æã]ÁÁÚâæÁÚ|↔←äæÁ~àÁ\áæÁŌáã↔b\↔á^ÁÚâæ~→~&]ÉÁ  
 ÇR↔^æá^~→~bÈÄÑæ\áá^]ÁŌæ→~}bâ↔^ÉÁĜããÁ^ã↔^↔^&ÉÁFĬĬIDEÁ^FAHCEÁ

→ŠSæ}ÁŌ^&→á^ãÁÚ]^~ãÉÄQ|\áæãá^ÁŌá|ã^áÁ↔^ÁN↑æã↔^áÉÄÄR↔^|\æbÁ~àÁ\áæÁ  
 Ú}æ^|\]ÉÚá↔äãÁN^|á→ÁŌ~^{\æ^↔~^Á~àÁ\áæÁæ}ÁŌ^&→á^ãÁÚ]^~ãÁŌ|^æÁĬFAĬFAĬFA  
 FĬĬHÉÁ R~|^ÁŌ~→]~→æÁŌ~→~æ&æÉÁU~|\áŌŌáã→æ]ÉÁRábbá^á|bæ\|bÈÄ^ÉÁGFÉÁŪ^äæãÈ  
 ~→^&^Á↔^Á\áæÁ~ã&↔^á→ÉÄ



NÁbá↑\*~&Á~àÁ\àæÁ~^b\↔\|↔~^bÁ~→→æ'\æäÁ~{æäÁ\àæÁ\*áb\Á]æääÁ  
 ]↔æ→äbÁ\àæÁà~→~}↔&Áb\á\æ↑æ'\bÈÁ ÚáæÁà→äb\Á↔bÁ àä~↑ÁÖ|b\áàÁNä~→\*âÊÁ Sæ}Á  
 U}æäæ^Á ÇQONDEÁ }á↔→æÁ\àæÁbæ~^äÁ↔bÁ àä~↑ÁÚä↔↔\]ÊÁ Ûæb\ää~→~^Á ÇNQODEÁ

NÞÚØQÓÁØØÁ O~^àæbb↔~^Á~àÁÔá↔\àÁË Ò|b\áàÁNä~→\*â ÊÁ Sæ}ÁÚ}æäæ^Á ÇQONDA

Uæ'\↔~^ÁFÈÁ Úá↔bÁ~^&äæ&á\↔~^Á~^àæbbæbÁÖæb|bÁOää↔b\ÁábÁQ~ääÁ~àÁ\àæÁ  
 Oä|ä~äÊÁ ÚáæÁÖ~→]ÁU\*→ä↔\Á'äæá\æbÁá^äÁb|b\á↔~^bÁ\àæÁOä|ä~äÁ\ää~|&á\àæÁ  
 Ö~b\*æ→Áá^äÁ\àæää\Á|^↔\æbÁâæ~→{æäbÁ}↔\á\àæ→äÁQ~ääÁá^äÁ}↔\á~^æÁ  
 á~\àæää↔~^Á\àæÁàæ~→}bä↔~^Á~àÁää↔\àÊÁ

Uæ'\↔~^ÁGÈÁ Úá↔bÁ~^&äæ&á\↔~^Á~→äbÁ\á\Á\àæÁÖ~b\*æ→~^bÁ\àæÁäæ{æ→áË  
 \↔~^Á~àÁÖ~äCbÁb~{æäæ↔~^Á}↔→~^á^äÁbá{↔~^Á&äá^æÁ↔~^ÁÖæb|bÁOää↔b\ÊÁ Ø^Á  
 Ö↔→ÊÁ\àæÁÛ~ääÁØ^äá^á\æÈÁÖ~äÁ↔↑\*ää\áÖ↔↑bæ→àÁ\~^Á↑æ^ÊÁ

Uæ'\↔~^ÁGÈÁ Úá↔bÁ~^&äæ&á\↔~^Áá^↔~→}æä&æbÁ\àæÁÖ~→]ÁU'ä↔\*|äæbÁábÁ  
 \àæÁ~^á^Á~äÁ\àæÁàá↔\áÁá^äÁ~→àæÁ~àÁ\àæÁOä|ä~äÊÁ ÚáæÁÖ~→]ÁU'ä↔\*|äæbÁ  
 áäæÁ\àæÁä↔{↔~^æ→]Á↔~^b\*→äæäääæ~äá~àÁÖ~äCbÁäææ↑\*↔\{æÁá^Á↔~^ÁOää↔b\ÊÁ  
 à~äÁ}á↔~^á\àæÁÖ~äÁÛæb\á↑æ^Á\*äæ\*áäæää\àæÁ}á\Áá^äÁ}á↔~^á\àæÁ Sæ}Á  
 Ûæb\á↑æ^Á\*ä~→á↔↑bÈÁ Ø^Á\àæÁ~^↔↔\á\↔~^Á~àÁ\àæbÁ\*ä~→á↑á\↔~^Á↔~^Á  
 \àæÁOä|ä~äÊÁÖ~äÁb\↔→~^Áb\*æá~bÁ\ää~|&á\àæÁÖ~→]ÁU'ä↔\*|äæbÁá^äÁ  
 äæá~→~^bÁÖ~bÁäææ↑\*↔\{æÁ\*|ä~bæÁ&æ~æá\↔~^Ááà\æäÁ&æ~æá\↔~^É Ú→Á

NÞÚØQÓÁØØÁ O~^àæbb↔~^Á~àÁÔá↔\àÁË Úä↔↔\]ÊÁ Ûæb\ää~→~^Á ÇNQODÁ

Úá↔bÁ~^&äæ&á\↔~^Áá^~^æ\*\bÁá→Á\àæÁ^á~↔~^á→Áâ~→~^bÁ~àÁ\àæÁÖ~äÁá^äÁ Sæ}Á  
 Ûæb\á↑æ^Á\àæÁbÁá}á~→~^Áá^äÁ↔~^Áá→Á\àæÁäÁ\*áä\áábÁ\àæÁä↔{↔~^æ→]Á↔~^É  
 b\*→äæääÊÁ äæ{æá→æäÁá^äÁ↔~^æää^Á\ÁÛ~äá~àÁÖ~äÊÁ á^äÁb|á↑↔\bÁ\~^Á\àæbÁábÁ  
 \àæÁ~^→]Á↔~^äá→↔~^ä→æÁá|\á~ä↔\]Á↔~^Áá→~^á\|æäbÁ~àÁàá↔\áÁá^äÁ~→~^æÈFGÁ

O→æää→]ÊÁ\àæbæÁ\}~^Áb\á\æ↑æ'\bÁääæÁb|âb\á\↔~^á→]Áä↔~^äææ^Á\ÊÁ

NÁ~^↑\*ää↔b~^Á~àÁ\àæÁ{ää↔æ\]Á~àÁ}á|bÁ↔~^Á}á↔~^á~^àæbb↔~^á→~^Áb|âË

b^ä↔\*↔~^Á↔~^bÁáá^ä→æäÁâ]Á\àæÁ{ää↔~|bÁQ|\àæää^Áâ~ä↔æbÁbâ~}bÁ\àæÁ↑á↓~äÁ↔~^äË  
 àææ^æ~æbÁ~àÁ|^äæb\á^ä↔~^Ááâ~|\Á\àæÁ~^ä↑á↔\{æÁ@|á~→]Á~àÁ\àæÁä~^|↑æ^bÈÁ

→~^b\↔\|↔~^Á~àÁÖ|b\áàÁNä~→\*âÁQ|\àæää^ÁOä|ä~äÊÁ Sæ}ÁÚ}æäæ^ÁÊÁ  
 Rá↔~^æÁ Ç|^äá\æäDEÁ\*ÈÁ FÈÁ

FG~^b\↔\|↔~^Áá^äÁÑ]→á}bÈÁÚä↔↔\]ÁQ|\àæää^ÁOä|ä~äÊÁ Ûæb\ää~→~^ÁÊÁ  
 Rá↔~^æÁ FÏJFÈÁ\*ÈÁ FÈÁ

ÚáæÁà→āb\Āb\á\æ↑æ^\Āâæ~}Ā→bĀ\āæĀĀà~ā↑Ā\*āāā&āā\*āĀĀ|bæĀĀ→Ā\*āā^\→á→]Ā  
 á→ĀR→bb~|ā→ĀU]^~āĀO~^b\→\|→~^bĪĀ

ÚáæĀO~^&āæ&á\→~^Āá'æ\*\bĀá→Ā\āæĀU]↑ā~→Āâ~→bĀ~āĀ\āæĀQ|\āæāā^Ā  
 Oā|ā'āĀ'~^~\ā→^æāĀ→Ā\āæĀŃ~→~Ā~āĀO~^~āāĀ~āĀ\āæĀ]æāāĀFIĪ€ĒĀ{→ĒĀ\āæĀ  
 Ó'↑↑æ'→á→ĀOāæāābĀÇ\āæĀN\*~b\~→ĒĀ\āæĀS→^æ'æĀá^āĀ\āæĀN\āā^āb→ā^DĪĀ  
 \āæĀŪ^ā→\æāāāĀN|&bā|ā&ĀO~^āæbb→~^Ā~āĀFIĪ€ĪĀ\āæĀN\*~→~&]Ā~āĀ\āæĀ  
 N|&bā|ā&ĀO~^āæbb→~^ĪĀ\āæĀOā\æ'ā→b↑bĀ~āĀRāā\→ĀQ|\āæĀĪĀ\āæĀU↑ā→^ā→āĀ  
 Nā\→^æbĪĀŪāā\→bæĀ~^Ā\āæĀS~}æāāā^āāSā→↑ā'ĪĀ~āĀ\āæĀS~\*æĪĀā^āĀ\āæĀ  
 Ō~ā↑|→āĀ~āĀO~^~āāĀābĀĀĀ~āāæ'\Āā^āĀb~|Āāā[~\*~b\→~^Ā~āĀOāā→b\→ā^Ā  
 Ē~\ā→^æĀ\ā→^Āāā~↑Āā^āĀ→Āā|→Āā'~āāĀ}\→\āĀ\āæĀŌ~→]ĀU^ā→\*|\āæbĒĀ

N'~āā→^&FĀĀ→Ā\æā'ā→^&bĀ~āĀ\ā→bĀO~^&āæ&á\→~^Ābāā→Āā&āæĀĀ}\→\āĀ  
 \ā→bĀā~\ā→^æĒĀĀ

ÚáæĀbæ'~^āĀb\á\æ↑æ^\Ā→bĀāĀĀĀà~ā↑Ā\*āāā&āā\*āĀĀà~āĀN↑æā→^ā^ĀQ|\āæāā^ĀO~^&āæĒ  
 &á\→~^bĪĀ^~\→^æĀ\āæĀŪāā\→bæĀ→bĀ^~\Āb\*æ'→ā→^ā→]Ā↑æ^\→~^æāĒĀ

NbĀāā→æāĀā^āĀ\ā|æĀb\á\æ↑æ^\bĀ~āĀ\āæĀā~\ā→^æĀ~āĀ\āæĀŪ~āāĀ~āĀŌ~āĒĀ  
 \ā→bĀ'~^&āæ&á\→~^Āá'æ\*\bĀá^āĀ'~^āæbbæbĀ\āæĀà~→~}→^&Āb]↑ā~→bĒĀb|āĒ  
 b'ā→^~^Ā\~Ā|ā→^āĀbāā→ĀāæĀāæ@|→āæāĀ~āĀā→Ā→bĀ↑æ↑āæābĪĀCFDĀ\āæĀ  
 á^'→æ^\Āæ'↑↑æ'→á→Ā'āæābĪĀ\āæĀN\*~b\~→ĒĀ\āæĀS→^æ'æĒĀā^āĀ\āæĀ  
 N\āā^āb→ā^ĀCFDĀ\āæĀŪ^ā→\æāāāĀN|&bā|ā&ĀO~^āæbb→~^Āā^āĀQ|\āæĀCbĀU↑ā→Ā  
 Oā\æ'ā→b↑ĒĀ

NbĀā|ā\āæāĀæ→āā~āā\→~^Ā~āĀā^āĀ→Āā'~āāĀ}\→\āĀ\āæbĒĀQ|\āæāā^Ā  
 U]↑ā~→bĒĀ\ā→bĀ'~^&āæ&á\→~^Āā→b~Āāæ'æ→{æbĀ\āæĀ~\āæāĀā~'↑↑æ'\bĀ→Ā\āæĀ  
 Ń~→~Ā~āĀO~^~āāĀ~āĀFIĪ€ĪĀ\āæĀN\*~→~&]ĒĀQ|\āæĀCbĀQāā&āĀOā\æ'ā→b↑ĒĀā^āĀ  
 \āæĀU↑ā→^ā→āĀNā\→^æbĒĀā^āĀ\āæĀŌ~^~|→āĀ~āĀO~^~āāĪĀā^āĀāæ'~&→^æbĀ  
 \āæ↑ĀābĀ^~ā↑ā\→{æĀā~āĀ→bĀ\āæ~→~&]ĒĀ

Úá→bĀ'~^&āæ&á\→~^Āá'æ\*\bĀ}\→\ā~\Āāæbæā{ā\→~^Ā\āæĀU]↑ā~→Āâ~→bĀ  
 ~āĀ\āæĀæ{ā^&æ→^ā→ĀQ|\āæāā^ĀOā|ā'āĒĀ^~\Ā→^b~āāāāābĒĀā|ĒĀāæ'ā|bæĀ  
 \āæ\ĀāāāĀ\āæĀ\*āæbæ^\ā\→~^Āā^āĀæ[\*→ā^ā\→~^Ā~āĀ\āæĀ\*|āæĀā~\ā→^æĀ~āĀ  
 \āæĀŪ~āāĀ~āĀŌ~āĀā^āĀāĀb|↑↑āā|Ā~āĀ\āæĀāā→\āĀ~āĀ\āæĀæ{ā^&æ→^ā→Ā  
 Q|\āæāā^ĀOā|ā'āĒĀ^HĀ

FĜbæāāæ↑æāĀQ|\āæāā^ĀOā|ā'āĒĀOā\*æĀŌ→^āāæ\āĒĀRā→^æĒĀŌ~^b\→\|→~^Ā  
 ā^āĀŃ~→ā}bĒĀŌ|→]ĀF€ĒĀFĪĪĒĒĀ\*ĒĀĒĀ

FHāā→^→]ĀQ|\āæāā^ĀOā|ā'āĒĀŪæb\āā~→~ĒĀRā→^æĒĀFĪĪFĒĀ\*ĒĀFĒĀ

ÚáæÁ\â→ãäÄb\á\æ↑æ^Á↔bÁáÁ{áã↔á\↔~^Á~äÄáÄÄà~ã↑Á\*áää&ää\*äÄÄà~äÁ~^&ää&äË

\↔~^bÁ~äÄ\âæÁQ|\âæää^ÁOâ|ã'äÄ↔^ÁN↑æã↔'äÏÄN&ä↔^ËÄ\âæÁÚäæá\↔bæÁ↔bÁ~↑↔\æäËÄ

Uæ'\↔~^ÁÏÄÄ Üá↔bÁ'~^&ää&á\↔~^Áá''æ\*\bÁ\âæÁÚ^á→\æääæÄN|&bâ|ã&Á  
 0~^äæbb↔~^Äá^äÁQ|\âæÄCbÁU↑á→~ÄOá\æ'ä↔b↑ÄábÄ\ã|æÄ|↔\^æbbæbÄ\~^Ä\âæÁ  
 Ö~b\*æ→ËÄÄ'äÄá'→á~}→æä&æbÄábÄ~^æÄ|↔\âÄ↔\Ä↔^Ääâ↔\âÄá^äÄä~'\ã↔^æÄá→~Ä  
 'ä|ã'äæbÄ\âä\Ä~\*æ}↔bæÄá''æ\*\Ä\âæÄ\æá'ä↔^&bÄ~äÄ\âæbæÄb|↑á~→bËÄ

Uæ'\↔~^ÁÏÄÄ Üá↔bÁ'~^&ää&á\↔~^Áá''æ\*\bÁ\âæÁ~\âæääÄb|↑á~→↔'á~Ää~→bÁ~äÄ  
 \âæÄæ{á^&æ~'á→ÄQ|\âæää^ÁOâ|ã'äËÄ\âæÄN\*~→~&|Ä~äÄ\âæÄN|&bâ|ã&Á  
 0~^äæbb↔~^ËÄ\âæÁU↑á→'á→äÄNä\↔'æbËÄQ|\âæÄCbÁQä&æÄOá\æ'ä↔b↑ËÄá^äÄ  
 \âæÄÖ~^^|→äÄ~äÄO~^'~äÄÄábÄà|ã\âæÄÄ{á→äÄ↔^æä\*äæ\á\↔~^bÁ~äÄ\âæÄ  
 '~^äæbb↔~^Ä~äÄOâ|ã'äË~ÖÄ

Þá\âæÄÄ\äá^Ääæb'ã↔âæÄ\âæÄ\âæ~→~&↔'á~Ää→äæææ^æbÄ~äÄ\âæÄ\âææÄb\á\æ↑æ^bÁ

↔^Á↑↔^|\æÄäæ\á↔ËÄ\âæÄà~→~}↔^&Á\*äæbæ^bÁ\}~Ä{↔æ}bÁ~äÄ~á|Ä\*æ~→æÄ~^Ä\âæÄ

↔↑\*~ä\á^æÄ~äÄU'ã↔\*|\ãä→Äá^äÄO~^äæbb↔~^á~Äb|âb'ã↔\*\↔~^ËÄ Ø^Ä\âæÄà~→~}Ë

↔^&Ää↔b'|bb↔~^bÁØÄá↑ÄÄØËËÄÄ

Ø^æä{↔æ}ÄØ→Ä  
 ÖEOEA E Üá↔æÄØÄ\ábÄ&ã~}↔^&Á|\*ËÄ\âæääÄ\ábÄ~^Äb|'äÄ\á↔^&ÄábÄäæ'~&^~↔^&Ä  
 ~\âæÄÄ'ä|ã'äæbÄ\âä\Ä↑|'äËÄ|~|Ä~^~}ËÄ N^äÄ~^}Ä|æÄ|~ä~Ä@|\æÄ'~→bæ~|Ä  
 }↔\âÄ\âæÄNá\*\↔b\Ä'ä|ã'äËÄá^äÄæ{æ^Ä|↔\âÄ\âæÄOá\â~→~^Ä'ä|ã'äËÄ NbÄäÄ  
 ↑á\æÄ~äÄäá\ËÄ~|äÄb\*æä~æÄ^æ|\ÄU|^äá|Ä↔bÄ\âæÄ{↔b↔\↔^&Á\*ä↔æb\Ää~↑Ä  
 \âæÄOá\â~→~^Ä'ä|ã'ääá^äÄæCbÄ~^Ä\âæÄà~äb\Ä~^æÄ|ä~ÄäábÄ~↑æÄ~{æÄ~\~Ä  
 ~|äÄ'ä|ã'äÄ\~Ä\á~ËÄ U~ÄØÄ\â↔^Ä\âä\CbÄ&~äËÄäã~↑Äá→~Ä↔^ä↔'ä\↔~^ËÄ ØÄ  
 &\æbbËÄ~äÄ&ã~}\âÄá^äÄäæ'~↑↔^&Á↑~äæÄ↑á|ãæËÄ

ÞËÜËÄ Ë N~^&Ä\äá\Äbá↑æÄ↔^æËÄ\æÄäá{æÄ↔^æääá\äÄbæã{↔æbÍÄ á→~Ä\âæÄ  
 'ä|ã'äæbÄ↔^Ä\â↔bÄ'~↑^|↔^Ä|Äá^äÄ↔^ÄSæ}ÄU}æäæ^ËÄ ÜæÄäá{æÄÜäá^~b&↔{↔^&Ä  
 bæã{↔æËÄOäã↔b\↑ábÄbæã{↔æbÄá^äÄÓáb\æÄÄbæã{↔æbËÄ Üæ^ÄSáb\~äÄN^äääæÄ  
 }ábÄäææËÄ\æÄäáäÄ↔^æääá\äÄbæã{↔æÄá\Ä\âæÄOá\â~→~^Ä'ä|ã'äÄ↔^Ä\~^Ä  
 á^äÄäæÄ\ábÄ\âæÄb\*æä~æäËÄ ÜæÄNá\*\↔b\Ä↑↔^b\æÄäæ~{æÄæÄ\âæÄ↑æbbá&æÄ  
 ↔^Ä~|äÄ'ä|ã'äËÄ~äÄ\æÄ|~→äÄ&~Ä\~Äá→~Ä\âæÄ'ä|ã'äæbÄ↔^Ä\âæÄ\}~Ä'~↑Ë  
 ↑|↔^↔æbËÄ

ØËËÄ Ë Ë~æbÄ\â↔bÄ↔^äÄ~äÄá'\↔{↔\|Äá→~}Ä|~|Äb\↔~Ä\~Ääæ\á↔^Ä|~|äÄ~}^Ä  
 ↔äæ^↔\|ÄábÄQ|\âæää^bËÄ



\áæÁãæáb~^bÁ}á]Á\*æãáá\*bÁ\áæãæÁáábÁ^~\Áâææ^ÁáÁãá\*æãáã~}\áÁ^ÁRá^æÁ  
 âæ'á|bæÁ\*æ~\*æÁ^Á\áæÁU\á\æÁ~âÁRá^æÁáãæÁá'~|b\~↑æÁÁ\~Á^æ\*ææ\Á  
 á^áÁ\~Ááá{æÁ\áæÁ~á\^|\äæÁ\~Á^æ\*ææ\Á\áæÁU~ãáÁãá\áæãÁ\áá^ÁáãáææÁ\~Á  
 áÁb\ä^'\Á^↑á'\Á~âÁ\áæÁU~ãáÁábÁ~^}\^ÉÁ

ØÈÈÈÁ È Ò~}Á}~|→äÁ]~|Áäæb'ãæâæÁ]~|äÁ'~^ææ&á\^~^CbÁ&~á~bÁá^äÁáææ\á~bæÁ  
 &~á~bÁâææ^&Áæ\ÁÁ Ûá]Á~äÁ}á]Á^~\ÁÁ Ûá]Áä~Á]~|Á\á^~^Á}æÁáãæÁáææÁÉ  
 }áá\Á^bÁ~|äÁ\*|ä\*~bæÁÁ

QÈÈÈÁ È Û~Áb\*ææáá\áæÁÖ~b\*æ~ÉÁ\áæÁU~ãáÁ~äÁÖ~äÉÁ á^äÁáá{æÁ\áæÁ'á|ä'áÁ  
 &ã~}ÉÁ

ØÈÈÈÁ È W~|Á\á^~^Á\áá\Á^bÁ\áæÁãæá~Á\*ä^↑áá]Áãæáb~^ÁÁ QÈÒÈÁ È WæbÈÁ

ØÈÈÈÁ È ØbÁ^Áâæ^&Áá'~↑\*~bææÁÁ QÈÒÈÁ È ØÁ\á^~^Áb~ÉÁ]æbÈÁ

QÈÒÈÁ È ØÁ}~|→äÁ~\*æÁ\~Ábá]Áæ{æã]Á\^↑æÁ\áæææ^bÁ áÁáá\*~b^ÁØÁæææ~Á\áá\Á  
 ^bÁ\áæÁ~b\Á^↑\*~ã\á^Á\á^~^&Á\áá\Áæ{æãÁáá\*æ^bÁ^Á~|äÁ'á|ä'áÁ^áÁ}áæ^Á  
 ØÁbææÁáÁ'á^æãâæ^&Ááá\*~æäÉÁ ØÁ\á^~^Á~\á^~^&Á}ææ{æãÁâæÁ~ãæÁ  
 ^↑\*~ã\á^Á\á^Á\áá\Á'á^æCbÁ~ææÁÉ ^~Á'á\æãÁ}áá\ÁææÁ\á^~bÁ~äÁbæÉFÍÁ

N\Á\á^bÁ\*~^~^Á~^æÁ^æ&á\Áb^↑\*~]Ááb~ÉÁ}á^'áÁ'~^{\æãbá\^~^Á\~^~^Á\*~á'æÁ

}^áÁ\*æ~\*æÁ}á~Á}æææÁ{æãbæäÁ^ÁU'ã^\*~|ææÉÁ Ö~^ææbb^~^á~Áb|âb'ã^\*~^~^Áá^áÁ  
 Û~ãáÁá^áÁUá'áá^æ^ÁR^~b\ä]ÁÁ Ñ~\áÁ&ã~|\*bÁ}æææÁáâb~^|\æ~]Áäæ~æ&á\~|ÉÁâ|\Á  
 \áá\Á^bÁ^~\Áá\Á^bb|æÁáææÉÁ Ûæ\áæãÁ\áæÁ'á|ä'áÁ^bÁ áÁb~^æ~^Á&á\áæ^~^&Á  
 \*~á'æÁ~äÁ\áæÁâ~ä]Á~äÁÖáã^b\Á^bÁ^~ãæÁ\~Á\áæÁ\*~^~^ÉÁ

ÛæÁæææáÁ\áæ^Á~^Á\áæÁ\*áã\Á~äÁb~↑æÁä~äÁ\áæÁ\*áã^bæbÁ~äÁ\áæÁ^æ}Á

Q|\áæãá^Á'á|ä'áÁ^bÁ\áá\Á\áæÁÖ~^ææbb^~^á~Á~á[~\]Áá~ææáá]Á^~^Áæ{ææ^'æÁ}~|→äÁ  
 ~^~]Áâæ'~↑æÁ}~ãbæÁ áà\æãÁ\áæÁ^æ&æãÁá^áÁ}~|→äÁ\áæææ~ãæÁ\*æã^~\Á\áæÁÖ~b\*æ~Á  
 \~ÁâæÁ}á\æææÁá~}^Á\~ÁáÁá~^|↑æ^ÁäæææãæãÁ\~ÁábÁÁ\áá\Á^~^æÁb\~ã]ÉÁÁ Ø^Á  
 á~Áäá^æ~æbbÉÁ^Áb~|→äÁâæÁ^~\æãÁ\áá\Á\áææÁá\*áãæ^~]Á^bÁb~↑æÁ'~^~^æã^Á  
 à~äÁ}áá\Á^bÁáá\*æ^~^&Á\~Á\áæÁááb^Á^~^}~æ&æÁ~äÁá^äÁæ&áááÁ~äÁ\áæÁ

---

FÍ~ãá~ÁÖ^b\~ã]Á~äÁææææ↑æãÁQ|\áæãá^ÁÖá|ä'áÉÁÖá\*æÁÖ~^ææ\áÉÁRá^æÉÁ  
 Ö|~]ÁæÉÁ FÍÎUÉÁ\*\*ÉÁ FÉGEÁ

$$\Leftrightarrow^{\dot{A}} R \dot{a} \Leftrightarrow^{\dot{a}} i \dot{A}$$

bææ↑bÃ\~ÃâæÃ\åæÃŒ→→→Ũ^↔\]Ã~^&ãæ&á\↔~^á→Á 0ă|ã´åÃæ↑\*ăáb↔bĒ<sup>ℱ</sup>İÃ

á^äÁÔá\ǻæãÈÄGFÁ

$$\tilde{\mathcal{O}}\hat{a}^{\mid}\mid\hat{a}\tilde{a}\mid\mid\hat{A}_F\tilde{E}\hat{A}F\ddot{\imath}\hat{\imath}\hat{\imath}\tilde{E}\hat{A}\backslash\hat{a}\hat{x}\tilde{a}\hat{x}\hat{A}\}\leftrightarrow\rightarrow_{\hat{A}}\hat{a}\hat{x}\hat{A}\backslash\}\sim\hat{A}b\uparrow\hat{a}\rightarrow\hat{A}\sim^{\hat{x}}b\hat{A}\hat{a}^{\hat{a}}\hat{a}\sim^{\hat{x}}\hat{x}\hat{A}\rightarrow\hat{a}\tilde{a}\&\hat{x}\hat{A}\sim^{\hat{x}}\hat{x}\hat{E}\hat{A}\quad\check{S}\mid\backslash\hat{A}\sim\hat{a}\hat{A}$$
$$^{\mathbb{F}}\hat{\mathbb{I}}\sim\tilde{a}\acute{a}\rightarrow\acute{A}\quad\mathbb{O}\leftrightarrow b\backslash\sim\tilde{a}\,]\acute{A}\sim\grave{a}\acute{A}\S\acute{a}\mid\rightarrow\acute{A}\mathbb{U}'\grave{a}\ae\tilde{a}\sim\ae\tilde{a}\grave{E}\acute{A}$$

Fİ~ãá→ÁÒ↔b\~ã]Á~àÁŞă↔→Á Ò|→\&ãæ^ÈÁ

$$\tilde{N} \leftrightarrow \hat{a} \rightarrow \mathfrak{x} \acute{A} \mathbb{P} \mathfrak{x} \{ \leftrightarrow \mathfrak{b} \leftrightarrow \sim \wedge \grave{E} \ddot{A} \acute{A}$$
$$G_F \leftrightarrow \bar{a} \bar{a} \bar{a}$$

$\backslash \hat{a} \hat{x} \hat{A} \backslash \} x \wedge \backslash ] \hat{E} \backslash \} \sim \hat{A} \sim \wedge \hat{a} \hat{x} \hat{a} \backslash \leftrightarrow \sim \wedge \hat{b} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \uparrow \leftrightarrow b b \leftrightarrow \sim \wedge \hat{b} \hat{A} \leftrightarrow \wedge \hat{A} \hat{R} \hat{a} \leftrightarrow \wedge \hat{x} \hat{E} \hat{A} \hat{a} \rightarrow \hat{A} \hat{a} \mid \backslash \hat{A} \backslash \hat{a} \hat{a} \hat{x} \hat{x} \hat{A} \} \leftrightarrow \rightarrow \hat{A}$   
 $\hat{a} \hat{x} \hat{A} * \hat{a} \hat{a} \backslash \hat{A} \sim \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \uparrow \hat{x} \hat{a} \hat{a} \hat{x} \hat{a} \hat{A} \rightarrow \hat{x} \hat{a} \{ \leftrightarrow \wedge \hat{A} \downarrow \mid b \backslash \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{U} \leftrightarrow b \sim \wedge \hat{b} \leftrightarrow \wedge \hat{A} \hat{U} \} \wedge \sim \hat{a} \hat{A} \sim \wedge \hat{a} \hat{x} \hat{a} \hat{a} \backslash \leftrightarrow \sim \wedge \hat{A} \leftrightarrow \wedge \hat{A}$   
 $\S \sim \hat{a} \backslash \rightarrow \hat{a} \wedge \hat{a} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \backslash \} \sim \hat{A} \hat{R} \leftrightarrow b b \sim \mid \hat{a} \leftrightarrow \hat{A} \sim \wedge \hat{a} \hat{x} \hat{a} \hat{a} \backslash \leftrightarrow \sim \wedge \hat{b} \hat{A} \leftrightarrow \wedge \hat{A} \hat{U} \hat{a} \backslash \hat{x} \hat{a} \{ \leftrightarrow \rightarrow \hat{x} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \hat{O} \hat{a} * \hat{x} \hat{A}$   
 $\hat{O} \rightarrow \sim \hat{a} \hat{a} \hat{x} \backslash \hat{a} \hat{E} \hat{A} \quad \hat{U} \hat{a} \hat{x} \hat{A} \hat{a} \hat{x} b \mid \rightarrow \backslash \hat{A} b \hat{x} \hat{x} \uparrow b \hat{A} \sim \hat{a} \{ \leftrightarrow \mid b \hat{E} \hat{A} \quad \hat{U} \hat{a} \hat{x} \wedge \hat{x} \{ \hat{x} \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{a} \hat{A} \uparrow \leftrightarrow \hat{a} \hat{a} \backslash \hat{A} \hat{a} \hat{x} \hat{A} \hat{a} \wedge \hat{A} \sim ** \sim \hat{a} \hat{E}$   
 $\backslash \mid \wedge \leftrightarrow \mid \hat{A} \leftrightarrow \wedge \hat{A} \backslash \hat{a} \hat{x} \hat{A} \uparrow \hat{x} \hat{a} \leftrightarrow \hat{a} \hat{A} \backslash \sim \hat{A} \uparrow \hat{a} \leftarrow \hat{x} \hat{A} \hat{a} \hat{A} \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \hat{A} \hat{A} * \hat{a} \sim \sim \mid \wedge \hat{x} \uparrow \hat{x} \wedge \backslash \hat{E} \hat{A} \leftrightarrow \hat{A} \} \leftrightarrow \rightarrow \hat{A} \uparrow \sim b \backslash \hat{A}$   
 $\rightarrow \hat{x} \hat{x} \hat{x} \rightarrow \mid \hat{A} \sim \uparrow \hat{x} \hat{A} \hat{a} \hat{a} \sim \uparrow \hat{A} \hat{A} \hat{A} \hat{a} \hat{x} * \hat{a} \hat{x} b \hat{x} \wedge \hat{a} \backslash \leftrightarrow \{ \hat{x} \hat{A} \sim \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \wedge \hat{x} \} \hat{A} \wedge \hat{a} \mid \hat{a} \wedge \hat{a} \hat{A} \hat{a} \hat{a} \} \leftrightarrow \rightarrow \hat{A} \hat{a} \hat{x} \hat{A} * \hat{x} \hat{a} \wedge \hat{x} \{ \hat{x} \hat{a} \hat{A}$   
 $\hat{a} \mid \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{A} \{ \hat{x} \hat{a} \hat{a} \hat{a} \hat{x} \hat{A} * \hat{x} \hat{a} b \sim \wedge \hat{A} \hat{a} b \hat{A} \hat{a} \hat{x} \hat{a} \rightarrow \hat{x} \wedge \leftrightarrow \{ \hat{x} \hat{A} \sim \hat{a} \hat{A} \hat{a} \rightarrow \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \hat{A} \wedge \hat{a} \mid \hat{a} \wedge \hat{a} \hat{x} b \hat{A} \leftrightarrow \wedge \rightarrow \mid \hat{a} \leftrightarrow \wedge \hat{A}$   
 $\hat{U} \leftrightarrow b \sim \wedge \hat{b} \leftrightarrow \wedge \hat{A} \hat{a} \wedge \hat{A} \hat{R} \leftrightarrow b b \sim \mid \hat{a} \leftrightarrow \hat{E} \hat{A} \quad \S \hat{a} b \backslash \sim \hat{a} \hat{A} \S \hat{a} \mid \rightarrow \hat{A} \hat{O} \hat{a} \wedge \leftarrow \hat{x} \hat{A} \sim \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{U} \leftrightarrow b \sim \wedge \hat{b} \leftrightarrow \wedge \hat{A} \hat{U} \} \wedge \sim \hat{a} \hat{A} \hat{a} \hat{x} \uparrow \hat{a} \hat{a} \leftarrow b \hat{A}$   
 $\sim \wedge \hat{A} \backslash \hat{a} \leftrightarrow b \hat{A} * \hat{a} \sim \hat{a} \hat{a} \hat{a} \leftrightarrow \rightarrow \mid \hat{I} \quad \hat{A}$

$\hat{O} \hat{A} \backslash \hat{a} \leftrightarrow \wedge \leftarrow \hat{A} \rightarrow \backslash \hat{A} \leftrightarrow b \hat{A} \hat{a} \leftrightarrow \wedge \wedge \hat{A} \backslash \sim \hat{A} \hat{a} \hat{x} \hat{A} \sim \wedge \hat{a} \mid b \leftrightarrow \wedge \hat{A} \hat{a} \hat{x} \wedge \hat{a} \mid b \hat{x} \hat{A} \backslash \hat{a} \hat{x} \hat{a} \hat{x} \hat{A} \leftrightarrow b \hat{A} \hat{a} \leftrightarrow \wedge \hat{A} \backslash \sim \hat{A} \hat{a} \hat{x} \hat{A} b \mid \wedge \hat{a} \hat{A}$   
 $\hat{a} \leftrightarrow \{ \hat{x} \hat{a} b \leftrightarrow \mid \hat{A} \} \leftrightarrow \backslash \hat{a} \leftrightarrow \wedge \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \leftrightarrow b \uparrow \hat{A} \backslash \hat{a} \hat{a} \backslash \hat{A} \hat{O} \hat{A} \wedge \hat{x} \hat{a} \backslash \hat{a} \leftrightarrow \rightarrow \mid \hat{A} \hat{a} \sim \wedge \hat{C} \backslash \hat{A} \wedge \hat{a} \hat{a} \hat{x} \hat{A} \backslash \sim \hat{A} \hat{a} \hat{x} \hat{A} \backslash \hat{a} \hat{a} \hat{x} \hat{a} \hat{A}$   
 $\} \leftrightarrow \backslash \hat{a} \hat{A} \backslash \hat{a} \hat{A} \hat{b} \hat{a} \uparrow \hat{x} \hat{A} \hat{a} \hat{x} \hat{a} \backslash \hat{a} \hat{x} \hat{a} \hat{A} \backslash \hat{a} \hat{a} \backslash \hat{A} \leftrightarrow b \hat{A} \mid b \hat{x} \hat{a} \hat{A} \backslash \sim \hat{A} \hat{a} \hat{x} b \wedge \hat{a} \hat{a} \hat{x} \hat{A} \backslash \hat{a} \leftrightarrow b \hat{A} \wedge \hat{x} \} \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \hat{A}$   
 $\hat{O} \hat{a} \mid \hat{a} \wedge \hat{a} \hat{E} \hat{A} \hat{G} \hat{A}$

$\hat{O} \wedge \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{a} \hat{a} \mid \hat{E} \backslash \sim \hat{E} \hat{a} \hat{a} \mid \hat{A} \leftrightarrow \wedge \backslash \hat{x} \hat{a} \hat{a} \wedge \leftrightarrow \sim \wedge \hat{A} \hat{a} \uparrow \sim \wedge \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \hat{A} * \hat{a} b \backslash \sim \hat{a} b \hat{A} \leftrightarrow \wedge \hat{A} \hat{R} \hat{a} \leftrightarrow \wedge \hat{x} \hat{E} \hat{A}$   
 $\sim \wedge \hat{x} \hat{A} \hat{a} \hat{x} \hat{a} \hat{a} b \hat{A} \backslash \hat{x} \wedge \hat{b} \hat{A} \rightarrow \hat{x} \hat{A} \hat{A} \hat{a} \hat{x} \mid \backslash \hat{x} \hat{a} \sim \hat{E} \hat{O} b \hat{a} \leftrightarrow \hat{a} \hat{a} \hat{E} \hat{A} \hat{A} \hat{A} \S \hat{a} \sim \wedge \hat{x} b b \hat{A} \hat{U} \hat{a} \hat{x} \rightarrow \sim \wedge \mid \hat{E} \hat{A} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \hat{x} \{ \hat{x} \wedge \hat{A} \backslash \hat{a} \hat{x} \hat{A}$   
 $\sim \wedge \hat{a} b \leftrightarrow \wedge \hat{a} \rightarrow \hat{A} \mid \hat{x} b \backslash \leftrightarrow \wedge \hat{A} \hat{a} \hat{a} \sim \mid \backslash \hat{A} \backslash \hat{a} \hat{x} \hat{A} \{ \leftrightarrow \hat{a} \leftrightarrow \wedge \hat{A} \hat{a} \hat{a} \backslash \hat{a} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \hat{a} \sim \hat{a} \leftrightarrow \mid \hat{A} \hat{a} \hat{x} b \mid \hat{a} \hat{a} \hat{x} \wedge \leftrightarrow \sim \wedge \hat{A} \sim \hat{a} \hat{A}$   
 $\hat{O} \hat{x} b \mid b \hat{E} \hat{A} \quad \hat{O} \rightarrow \hat{x} \hat{a} \hat{a} \rightarrow \mid \hat{A} \rightarrow \hat{a} \wedge \leftrightarrow \wedge \hat{A} \hat{a} \hat{a} \hat{x} \hat{A} \sim \wedge \hat{x} \hat{a} \hat{a} \wedge \hat{b} \hat{A} \hat{a} \sim \hat{a} \hat{A} \hat{a} \wedge \hat{A} \leftrightarrow \hat{x} \hat{a} \hat{a} \hat{a} \wedge \hat{A} \hat{N} \hat{a} \rightarrow \hat{x} \hat{E} \hat{A} \hat{U} \hat{a} \wedge \hat{a} \hat{a} \uparrow \hat{x} \wedge \hat{a} \rightarrow \hat{A}$   
 $\leftrightarrow \wedge \backslash \hat{x} \hat{a} \hat{a} \leftrightarrow \mid \hat{E} \hat{A} \hat{a} \hat{A} \} \sim \mid \wedge \hat{A} \hat{O} \hat{a} \hat{a} \backslash \hat{a} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{a} \leftrightarrow \hat{a} \hat{A} \backslash \sim \hat{a} \hat{A} \hat{a} \hat{x} \backslash \hat{a} \rightarrow \hat{A} \wedge \hat{a} \leftrightarrow \hat{a} \hat{a} \hat{x} \wedge \hat{A} \backslash \sim \hat{A} \rightarrow \{ \hat{x} \hat{E} \hat{A} \quad \hat{W} \hat{x} \backslash \hat{E} \hat{A}$   
 $\backslash \hat{a} \hat{x} \hat{A} \sim ** \sim \hat{a} \mid \wedge \leftrightarrow \mid \hat{A} \hat{a} \sim \hat{a} \hat{A} \hat{a} \hat{x} \rightarrow \sim \} b \hat{a} \leftrightarrow \hat{A} \hat{a} \wedge \hat{a} \hat{A} \hat{N} \hat{a} \rightarrow \hat{x} \hat{A} b \mid \mid \hat{A} \mid \hat{A} \leftrightarrow \hat{A} \backslash \hat{a} \hat{x} \hat{A} \S \sim \hat{a} \backslash \rightarrow \hat{a} \wedge \hat{a} \hat{A} \hat{a} \hat{x} \hat{a} \hat{A} \} \leftrightarrow \backslash \hat{a} \hat{A}$   
 $\backslash \hat{a} \hat{x} \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \hat{A} * \hat{a} b \backslash \sim \hat{a} b \hat{A} \sim \wedge \hat{A} \hat{U} \hat{x} \hat{a} \wedge \hat{x} b \hat{a} \hat{a} \mid \hat{A} \uparrow \sim \hat{a} \wedge \leftrightarrow \wedge \hat{b} \hat{A} \leftrightarrow b \hat{A} \} \hat{x} \rightarrow \sim \uparrow \hat{x} \hat{I} \hat{A} \hat{x} b * \hat{x} \wedge \hat{a} \rightarrow \mid \hat{A} \leftrightarrow \wedge \hat{A}$   
 $\rightarrow \wedge \hat{a} \backslash \hat{A} \sim \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{a} \hat{a} \wedge \hat{A} \backslash \hat{a} \hat{a} \backslash \hat{A} \backslash \hat{a} \hat{x} \hat{a} \hat{A} \hat{a} \hat{a} \hat{x} \hat{A} b \sim \hat{A} \uparrow \hat{a} \wedge \mid \hat{A} \backslash \hat{a} \leftrightarrow \wedge \hat{b} \hat{A} \} \hat{a} \leftrightarrow \wedge \hat{a} \hat{A} \hat{a} \hat{x} \hat{A} b \backslash \leftrightarrow \rightarrow \hat{A} \hat{a} \hat{x} \rightarrow \hat{a} \hat{A} \leftrightarrow \wedge \hat{A}$   
 $\wedge \hat{a} \hat{a} \uparrow \sim \hat{E} \hat{A}$

$\hat{U} \hat{a} \hat{x} \hat{A} \hat{a} \mid \mid \mid \hat{a} \hat{x} \hat{A} \sim \hat{a} \hat{A} \hat{Q} \mid \backslash \hat{a} \hat{x} \hat{a} \hat{a} \wedge \leftrightarrow b \uparrow \hat{A} \leftrightarrow \wedge \hat{A} \hat{R} \hat{a} \leftrightarrow \wedge \hat{x} \hat{A} \hat{a} \sim \hat{x} b \hat{A} \hat{a} * \hat{x} \hat{a} \hat{a} \hat{A} \backslash \sim \hat{A} \leftrightarrow \wedge \rightarrow \mid \hat{a} \hat{x} \hat{A} \hat{a} \hat{x} \hat{a} \rightarrow \hat{A}$   
 $\hat{a} \hat{a} \sim \} \backslash \hat{a} \hat{A} \leftrightarrow \wedge \hat{A} b \hat{x} \hat{a} \hat{a} \wedge \hat{a} \leftrightarrow \wedge \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{U} \wedge \hat{a} * \wedge \mid \hat{a} \hat{x} b \hat{E} \hat{A} \leftrightarrow \wedge \hat{A} \wedge \hat{a} \hat{a} \leftrightarrow \wedge \hat{A} \hat{a} \sim \hat{a} \hat{A} \backslash \hat{a} \hat{x} \hat{A} \hat{x} \rightarrow \hat{a} \hat{x} \hat{a} \rightarrow \mid \hat{E} \hat{A} \leftrightarrow \wedge \hat{A} \wedge \rightarrow \wedge \hat{E}$   
 $\leftrightarrow \wedge \hat{A} \backslash \sim \hat{A} \hat{A} \hat{A} \sim \hat{a} \hat{a} \uparrow \sim \wedge \hat{A} \rightarrow \mid \mid \hat{a} \leftrightarrow \wedge \hat{a} \rightarrow \hat{A} \hat{a} \wedge \hat{a} \hat{A} \hat{a} \mid \uparrow \wedge \sim \hat{a} \leftrightarrow \wedge \hat{A} \hat{a} \hat{x} \hat{a} \backslash \hat{a} \hat{a} \hat{x} \hat{E} \hat{A} \hat{a} \wedge \hat{a} \hat{A} \leftrightarrow \wedge \hat{A} \hat{a} \hat{x} \{ \hat{x} \rightarrow \sim * \leftrightarrow \wedge \hat{A} \hat{A} \hat{A}$

bæ^bæÁ~àÁãæ~>&~|bÁ↔äæ^\\↔|]Á↔^ÁáÁb\\á\\æÁ}á↔^áÁáábÁ~>\\~>æÊÁ~|\\b↔äæÁ~àÁ  
 Þ~↑á^ÁOá\\á~>~>↔b↑ÊÁ Ûá↔↔æÁ^~>\*æää\\↔{æÁQ|\\áæää^Á{æ^\\|ãæbÁ}↔↔→Á^æã\\á↔^→]Á  
 ^~^\\↔^|æÁ↔^Á↑á^]ÁáãæábÊÁ^~↑\*~>æ\\æÁá→\\áãÁá^ää\*|→\*↔\\Áàæ→~}bá↔\*Á}~|→ääá\*~æáääÁ  
 \\~ÁâæÁæ{æ^Á→æbbÁ\*~bb↔â→æÁ↔^Á\\áæÁà|\\|ãæÊÁ&↔{æ^Á\\áæÁ↑æã&æãÊÁ\\áá^Áâæà~ãæÊÁ  
 ÛæÁääá}Á^~↑â~ã\\Áàã~↑ÁÖ~äCbÁÛ~ääÁ}á↔^áÁäæ^→ääæbÁ\\áá\\ÁÄ}áæ^Á}æÁ}æãæÁb\\↔↔→Á  
 \*~}æã→æbbÊÁOáã↔b\\Áä↔æääà~ää\\áæÁ|^&~ä→]ÊÄGGÁ ÛáæÁá\*~áääæ^\\Á\*~æbæ^\\Á\*~}æãË  
 →æbb^æbbÁ~àÁ\\áæÁR↔bb~|ã↔ÁU|^~ää\\~Ááààæ^\\Á\\áæÁã~^\\ã↔^á→Áä↔æ^\\↔~^Á~àË\\áæÁ  
 ↑æã&æää}↔→Á^æã\\á↔^→]Á^~\\ÁâæÁ\\áæÁ→áb\\Á}~ääÁ~^Á\\áæÁ↑á\\~ãæÊÁ Ûáæ^Áá→Á↔bÁ  
 bá↔ääÁá^äää~^æÊÁ\\}~Áää^\\bÁ~àÁ↑~äæã^Ëää]ÁQ|\\áæää^↔b↑Á↔^ÁRá↔^æÁb\\á^ää~|\\ÊÁ  
 Ô↔äb\\ÊÁ\\áá\\ÊÁ}↔\\á~|\\Áâæb↔\\á^~]Á\\áæÁÖ~b\*æ→Á↔bÁâæ↔^&Á|\*âæ→ääÁábÁ\\áæÁâæb\\Á  
 \*~bb↔â→æÁ^æ}bÁà~ää↑á^↔↔^ääâ]Áá→Á\\áæÁQ|\\áæää^Á^→æã&]ÊÁ N^ääbæ^~^ääÊÁ\\áá\\Á  
 \\áæÁQ|\\áæää^Á→á]↑æ^ÁâæãæÁääæÁ↔^\\{áã↔áâ→]ÁääääÁ↑~ääÁ^~^bæã{á\\↔{æÁ↔^Z\\áæ↔ää  
 \\áæ~>~>↔^á→Á→æá^↔^&bÁ\\áá^Á\\áæ↔ääÁæb\*æ^\\↔{æÁ^→æã&]Áá^ää↑á]Á\\á|bÁáá{æÁáÁ  
 ↑~ääää\\↔^&Áæààæ^\\Á|^~^Á\\áæÁ~>âæää→Áää↔à\\Á~àÁ\\áæÁ^æ}ÁQ|\\áæää^Á^á|ã^ääÊÁ

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GGÞ~↑á^bÁIiJâÁÇSæ}ÁØ^\\æã^á\\↔~^á→ÁÛæãb↔~^DÁ



ÓÛÑQÛÑÚØŠŠÁŠÔÁÚÒÒÁUØÖSØÔØONSOÓÁŠÔÁÚÒÒÁÔØSEØSÖUÁÚŠÁÆNUÓÁ

[illegible]

Ø\Ä↔bĀb↔&^↔ā↔ā^{\Ä\āā\Ä\āāÄQ|\āāāā^Ä→ā↔\]Ä↔^ÄRā↔↔æÄÄ\Äā^āÄ→āā&æÄ↔bĀ  
 ↑~āæÄ^~^bæā{\ā↔{\æÄ\āā^Ä↔\bĀ^~æā&]ÈÄÜā↔bĀ↔bĀ\*āā\↔'|→āā→]Ä\ā|\æÄ~āÄ\ā~bæÄ  
 ^~&āæ&ā\↔~^bĀ}ā↔āÄ}↔↔Äâæ^~↑æÄ\*āā\Ä~āÄ\āæÄÖ{\ā&æ↔^ā→ÄQ|\āæāā^ÄÖā|ā^āÄ  
 ~āÄN↑æā↔^āÈÄÖ{\æ^Ä~^Ä\āæÄ↔bb|\æbĀ~āÄÄ~\*æ^Ä^~^↑|^↔~^ÄÄÄ^āÄÄ}~↑æ^CbĀ~āā↔^āÈ  
 \↔~^ÄÄ\āæāæÄ↔bĀb\↔↔Äb\ā~^&Äā↔bā&āææ↑æ^{\Äā↑~^&Ä\āæÄ→ā↔\]Ä^~^~æā↔↔&Ä  
 \āæbæÄ^~}Äā^~æ\*\æāÄ\*āā\↔↔æbÈÄŠ^Ä~\āæāÄ↔bb|\æbĀb|^āÄábĀāā~ā\↔~^ÈÄā↑~È  
 bæ[|ā↔\]Đ→æbā↔ā^↔b↑ÈÄā^āÄ\āæÄæāāā^']Ä~āÄ\āæÄN↔â→æÈÄ\āæÄ→ā↔\]Ä↔bĀā↑→~b\Ä  
 \~\ā→]Ä~\*\*~bæāÄ\ā↔↔æÄæ{\æ^ÄāÄāā↔āÄ\*æā^æ^{\ā&æÄ~āÄ\āæÄ^~æā&]ÄāāæÄb↔↑↔āā→]Ä

ÍGÁ

ä↔b\*~bæäÊÄ äæb\*↔\æÁ^á\↔~^á→Á→æáäæäbä↔\*Á{↔æ}bÁ\~Á\áæÁ^~^äáä]ÊÄ ÚáæbæÁ  
 áäæÁ^~^æä^bÁ}á↔^á}↔→Ááá{æÁá^Á↔↑\*á^Á|\*~^Á\áæÁà||äæÁ~äÁQ|\áæäá^↔b↑Á  
 ↔^ÁRá↔^æÁá^äÁáä~|~^äÁ\áæÁ^~|~^ä]Áà~äÁ↑á^]Á]æáäbÁ\~Á^~↑æÊÄ  
 ÚáæäæÁ↔bÁáÁb\*æ^↔á→Á@|á↔\]Á\áá\Á↔bÁ\*áä^Áá^äÁ\*áä^æ→Á~äÁ}~ä↔^&Á↔^ÁáÁ  
 \ä|æÁ↑↔bb↔~^áä]Áæ^{↔ä~^↑æ^Áb|~^áábÁRá↔^æÊÄ Úá↔bÁ\*áä^Á~äÁ\áæÁ^~|~^ä]ÁáábÁ  
 âææ^ÁäæäæäæäÁ\~ÁábÁÁÚáæÁÓáb\æä^ÁÔä~^Á→Áá^äÁ↔\bÁ^áá→æ^æbÁáäæÁæ{æäÁ  
 \áæäæÊÄ NÁb↔^↔↔^á^Ááb\*æ^Á~äÁ\áæÁà↔^ä↔^&Áäæ→á\æäÁ\~Á\á↔bÁ\áæb↔bÁ↔bÁ  
 \áá\Á\áæÁäáb↔^Á^æäbÁà~äÁ}~äbä↔^Áá^äÁ}↔^æbbÁäæ↑á↔^ÊÄ Ö~äCbÁÛ~ääÁá^äÁ  
 Úá^äá↑æ^ÁäææÁb\↔→Á\\*æÁ~ääæäÁá^äÁ^æäÁ~äÁ\áæÁáá]ÊÄ ÚáæÁ\*ä~ä→æ↑Á↔^ÁRá↔^æÁ  
 Q|\áæäá^↔b↑Á↔bÁ\áá\Áb~Á~à\æ^Á\áæÁæ\á↔^Á↔↑↔\á\↔~^bÁ^~|\*→æäÁ}↔\á\áæÁ  
 ä↔||\↔~^Á~äÁÛ~ääÁá^äÁÔ~^àæbb↔~^bÁáá{æÁ↔^Áæàæ^Á↔↑↔\æäÁ\áæÁÖ~b\*æ→ÁábÁ  
 }æ→ÊÄ Oæä\á↔^→]Á\áæÁÖ~→]ÁU\*↔ä↔\Á}~ä↔bÁ\áä~|&áÁ\áæÁÛ~ääÁá^äÁUá^äá↑æ^Á  
 }áæäæÁÖæÁ}↔→bÁË]æ\Á}æÁäæÁ\~ÁâæÁÖ↔bÁb\*~↔æb↑æ^Á↔^Á}~ääÁábÁ}æ→ÁábÁ  
 á^↔~^ÊÄ Úá↔bÁ\áæb↔bÁbä~}bÁ\áá\Áb|~^á}~ä↔^ÁábÁ^~\Áâææ^Áä~^æÁ}↔\áæ↔\áæäÁ  
 ^~^b\á^]Á~äÁ^~^b↔b\æ^]Á↔^ÁRá↔^æÊÄ Ø\Á↔bÁb↔^↔↔^á^Á\áá\Áb~Á↑|~^á\↔↑æÁ  
 á^äÁæä~ä~^Áá{æÁ\*ä~ä|~^æäÁb|~^Á↑æá&æäÁ^|↑æä↔^á→Áäæb|→bÁ\~Áäá\æÊÄ Wæ\ÊÄ↔\Á  
 ↔bÁá→b~Áb↔^↔↔^á^Á^æ{æä\áæ→æbbÁ\áá\Á\áæÁà↔\á~äÁ↑á^]ÁQ|\áæäá^bÁáábÁ  
 âææ^Áb|b\á↔^æäÁ↔^ÁRá↔^æÁâ]ÁÛ~ääÁá^äÁUá^äá↑æ^Áà~äÁ&æ^æä\↔~^bÊÄ ÚáæÁ  
 ^áá→æ^æbÁà~äÁ&ä~}\áäæ↑á↔^Áâ|\Á\áæÁá↔b\~ä]Á~äÁQ|\áæäá^↔b↑Á↔^ÁRá↔^æÁ^~^Ë  
 \↔^|æbÁ\~Á^áä]Áäæ↔&á\Á\*~bb↔ä↔↔\↔æbÁà~äÁ\áæÁà||äæÁ~äÁáÁ^á|ä^á~äÁ\áæÁ  
 àá↔\áÁ↔^Á\á↔bÁb\á\æÊÄ

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→Şáb\~äÁæ^↔bÁŞæä]↑á^ÊÁR\ÊOá→{áä]ÁQ|\áæäá^ÁOá|ä^áÊÁN→\~^ÊÁRábbáË  
 ^á|bæ\~bÊÁá\ÁÓ{á^&æ↔b↑ÐOá|ä^áÁÖä~}\áÁÔ~^{~^á\↔~^ÊÁPæææ↑æäÁQ|\áæäá^Á  
 Oá|ä^áÊÁGÁN\*ä↔^ÁFÎÎÊÄ

$N\bar{A}\}\sim\tilde{a}\tilde{a}\bar{A}\hat{a}\sim|\backslash\bar{A}\backslash\hat{a}\bar{x}\bar{A}x[\backslash x^{\wedge}b\leftrightarrow\{x\bar{A}|b\bar{x}\bar{A}\sim\hat{A}\sim\tilde{a}\hat{a}\rightarrow\bar{A}\hat{a}\leftrightarrow b\backslash\sim\tilde{a}\leftrightarrow x\bar{b}\bar{A}\leftrightarrow^{\wedge}\bar{A}\backslash\hat{a}\leftrightarrow b\bar{A}\backslash\hat{a}x\bar{b}\leftrightarrow b\bar{A}$   
 $\leftrightarrow b\bar{A}\leftrightarrow^{\wedge}\bar{A}\sim\tilde{a}\tilde{a}x\tilde{a}\bar{E}\bar{A}\quad N\backslash\bar{A}\hat{a}\rightarrow\tilde{a}b\backslash\bar{A}\&\rightarrow\hat{a}^{\wedge}x\bar{A}\backslash\hat{a}x\bar{b}x\bar{A}\uparrow\leftrightarrow\&\hat{a}\backslash\bar{A}\hat{a}x\bar{A}\tilde{a}x\&\hat{a}\tilde{a}\tilde{a}x\tilde{a}\bar{A}\hat{a}b\bar{A}\backslash\hat{a}x\bar{A}\sim^{\wedge}\rightarrow] \bar{A}b\sim\rightarrow|\bar{E}$   
 $\backslash\leftrightarrow\sim^{\wedge}\bar{A}\backslash\sim\bar{A}\backslash\hat{a}x\bar{A}\tilde{a}x\hat{a}\tilde{a}\backslash\hat{a}\bar{A}\sim\hat{a}\bar{A}\}\tilde{a}\leftrightarrow\backslash x^{\wedge}\bar{A}\uparrow\hat{a}\backslash x\tilde{a}\leftrightarrow\hat{a}\rightarrow b\bar{A}\sim^{\wedge}\bar{A}Q|\backslash\hat{a}x\tilde{a}\hat{a}^{\wedge}\leftrightarrow b\uparrow\bar{A}\leftrightarrow^{\wedge}\bar{A}R\hat{a}\leftrightarrow^{\wedge}x\bar{E}\bar{A}\quad Wx\backslash\bar{A}$   
 $\backslash\hat{a}x] \bar{A}^*\tilde{a}\sim\{\leftrightarrow\tilde{a}x\bar{A}\uparrow\sim\tilde{a}x\bar{A}\backslash\hat{a}\hat{a}^{\wedge}\bar{A}\downarrow|b\backslash\bar{A}\tilde{a}\hat{a}\}\bar{A}\uparrow\hat{a}\backslash x\tilde{a}\leftrightarrow\hat{a}\rightarrow\bar{E}\bar{A}\quad\check{S}\tilde{a}\hat{a}\rightarrow\bar{A}\hat{a}\leftrightarrow b\backslash\sim\tilde{a}\leftrightarrow x\bar{b}\bar{A}^{\wedge}\sim^{\wedge}\{x] \bar{A}\backslash\hat{a}x\bar{A}$   
 $\uparrow\sim\sim\tilde{a}\bar{A}\hat{a}^{\wedge}\tilde{a}\bar{A}\backslash\hat{a}x\bar{A}\leftrightarrow^{\wedge}\backslash x^{\wedge}b\leftrightarrow\backslash] \bar{A}\sim\hat{a}\bar{A}\hat{a}x\bar{x}\rightarrow^{\wedge}\&\bar{A}\sim\hat{a}\bar{A}\backslash\hat{a}\sim b\bar{x}\bar{A}\hat{a}x\leftrightarrow^{\wedge}\&\bar{A}\leftrightarrow^{\wedge}x\tilde{a}\{\leftrightarrow x\}x\tilde{a}\bar{A}\hat{a}b\bar{A}^{\wedge}\sim\bar{A}\sim\backslash\hat{a}x\tilde{a}\bar{A}$   
 $\uparrow x\tilde{a}\leftrightarrow|\uparrow\bar{E}\bar{A}\quad\emptyset^{\wedge}\bar{A}\backslash\hat{a}x\bar{A}\hat{a}\tilde{a}x^{\wedge}\hat{a}\bar{A}\sim\hat{a}\bar{A}^*\tilde{a}x^{\wedge}\leftrightarrow b\leftrightarrow\sim^{\wedge}\bar{A}\hat{a}\sim\}x\{x\tilde{a}\bar{E}\bar{A}x\bar{b}^*x^{\wedge}\leftrightarrow\hat{a}\rightarrow\rightarrow] \bar{A}\}\leftrightarrow\backslash\hat{a}\bar{A}\tilde{a}x\&\hat{a}\tilde{a}\tilde{a}\bar{A}\backslash\sim\bar{A}$   
 $\tilde{a}\hat{a}\backslash x\bar{b}\bar{A}\hat{a}^{\wedge}\tilde{a}\bar{A}^{\wedge}\hat{a}\uparrow x\bar{b}\bar{E}\bar{A}\sim\tilde{a}\hat{a}\rightarrow\bar{A}\hat{a}\leftrightarrow b\backslash\sim\tilde{a}\leftrightarrow x\bar{b}\bar{A}\hat{a}\tilde{a}x\bar{A}\rightarrow x\bar{b}\bar{b}\bar{A}\hat{a}x\rightarrow^* \hat{a}|\rightarrow\bar{A}\hat{a}^{\wedge}\tilde{a}\bar{A}\uparrow|b\backslash\bar{A}\hat{a}x\bar{A}\leftrightarrow^{\wedge}\tilde{a}x^*x^{\wedge}\bar{E}$   
 $\tilde{a}x^{\wedge}\rightarrow] \bar{A}\{x\tilde{a}\leftrightarrow\hat{a}\leftrightarrow x\tilde{a}\bar{E}\bar{A}\quad\check{S}x\sim^* \rightarrow x\bar{A}\hat{a}\rightarrow b\sim\bar{A}\hat{a}\hat{a}\{x\bar{A}\hat{a}\bar{A}\backslash x^{\wedge}\tilde{a}\hat{a}^{\wedge}\} \bar{A}\backslash\sim\bar{A}\backslash x\rightarrow\bar{A}\sim^{\wedge}\rightarrow] \bar{A}\backslash\hat{a}x\leftrightarrow\tilde{a}\bar{A}b\leftrightarrow\tilde{a}x\bar{A}\sim\hat{a}\bar{A}$   
 $\hat{a}\bar{A}\&\leftrightarrow\{x^{\wedge}\bar{A}b\backslash\sim\tilde{a}] \bar{E}\bar{A}\quad\mathbb{E}x\bar{b}^*\leftrightarrow x\bar{A}\backslash\hat{a}x\bar{b}x\bar{A}\hat{a}\hat{a}\leftrightarrow\rightarrow^{\wedge}\&b\bar{E}\bar{A}\hat{a}\sim\}x\{x\tilde{a}\bar{A}\backslash\hat{a}x\bar{A}\sim\tilde{a}\hat{a}\rightarrow\bar{A}\hat{a}\leftrightarrow b\backslash\sim\tilde{a}\leftrightarrow x\bar{b}\bar{A}\}x\tilde{a}x\bar{A}$   
 $\leftrightarrow^{\wedge}\{\hat{a}\rightarrow|\hat{a}\hat{a}\rightarrow x\bar{A}\backslash\sim\bar{A}\backslash\hat{a}\leftrightarrow b\bar{A}\tilde{a}x\bar{b}x\hat{a}\hat{a}^{\wedge}\hat{a}\bar{A}\hat{a}^{\wedge}\tilde{a}\bar{A}x\bar{b}\bar{b}x^{\wedge}\leftrightarrow\hat{a}\rightarrow\bar{A}\backslash\sim\bar{A}\leftrightarrow\backslash b\bar{A}^{\wedge}\sim\uparrow^* \rightarrow x\backslash\leftrightarrow\sim^{\wedge}\bar{E}\bar{A}$

# 0ŠSOQÛUØŠSÁ

ÚáæÁà↔æb\Á\á↔^&Á\~Á´~↑æÁ~|\Á~àÁ\áæÁ\*ã~´æbbÁ~àÁã~↔^&Á\á↔bÁ\áæb↔bÁ  
 ↔bÁ\áæÁãæá~↔~á\↔~^Á\áá\Á\áæÁb\æãæ~Ë\]\*æÁ~àÁRá↔^æÁÄË~}^ÁÓáb\ÄÁ↔ããæ~↔Ë  
 &↔~b↔\]ÊÁ\á~|\&áÁ\æ↑\*\↔^&ÊÁ↔bÁ↓|b\Á^~\Á\ã|æÈÁ Úá↔bÁ↔bÁ^~\Á\~Áãæ^]Á\áá\Á  
 \áæÁ→á´←Á~àÁ´á|ã´áÁ↑æ↑âæãbâ↔\*Á↔^ÁRá↔^æÁ↔bÁáÁ^á\↔~^á→Áb´á´ää→ÈÁ ÚáæãæÁáãæÁ  
 äæáb~^bÁà~ãÁ\áæÁ→á´←~àÁ´á|ã´áÁ↑æ↑âæãbâ↔\*Á\á↔´áÁáãæÁ^~}ÁääãÁ↑~ãæÁ´~^Ë  
 {↔^´↔^&Á\áá^Á\áæÁ´~^↑~^→]Ááæ→ää{↔æ}Á~àÁá^Áá^↔^Ëãæ~↔&↔~^ÁRá↔^æÁ↑↔^áÁbæ\ÈÁ  
 WæbÊÁ↔\Á↔bÁ\ã|æÁ\áá\Á\á↔bÁ↔bÁáÁb~´↔æ\]Á\áæãæÁ\áæãæÁáãæÁ↑|→↔\*→æÁ&æ^æãáË  
 \↔~^bÁ~àÁää↑↔]Á↑æ↑âæãbÁ\á~Ááá{æÁ^æ{æãÁ&~^æÁ\~Á´á|ã´áÁæ[´æ\*^Áà~ãŽb~´↔á→Á  
 äæáb~^bÊÁ Wæ\Á\áæÁäæáb~^bÁà~ãÁ\á↔bÁáãæÁääãÁ↑~ãæÁ\*ã~à~|~áÁá^áÁ↑~ãæÁ  
 äää↑á\↔^Á\áá^Áb~↑æÁb↔↑\*~↔b\↔^Á^~\↔~^Á\áá\ÁRá↔^æãbÁá^áÖ~áÁ↓|b\Áä~Á^~\Á  
 &æ\Áá~^&ÊÁ

ÚáæãæÁ\ábÁ^~Á&~~ãÊÁb~|^ãÊÁ\ã↔æãÁá^áÁ\ã|æÁO~^àæbb↔~^á→ÁQ|\áæãá^↔b↑Á  
 ↔^ÁÚá→ä~â~ã~Á\~Á&↔{æÁá~\*æÁá^áÁãæáb~^Á\~Á\áæÁãæ\*ã↔{á\↔~^bÁá^áÁ\ã↑~↔↔bÁ~àÁ  
 \áæÁ\↔↑æÈÁ ÚáæãæÁ\ábÁ^~Áb~↔~ääÖ~b\*æ→Á\*ãæá´á↔^&Á\á↔´áÁæ[á~ã\æãÁ\*áã↔bâË  
 ↔~^æãbÁ\~Á\æ→Á~\áæãbÁ\áæ&ãæá^æbbÁ~àÁOää↔b\Áá^áÁá↔bÁ↑æã´]Áä|ã↔^&Á\áæÁ  
 æ\á^↔^Á↑↔&ãá\↔~^bÊÁ Š^æÁ´á^Á\æ→Áæ[á´\→]Á\áæ^Á↔\Á\ábÁ\áá\ÁQ|\áæãá^bCÁ  
 ↔↑á&↔^á\↔~^bÁ\æãÁá↔ãæãÁ|\*Áâ]Á{↔b↔~^bÁ~àÁ´ã|bää↔^&Áà~ãÁ\áæÁQ~ääIÁ}áæ^Á  
 \áæ\Á\~~←Á↔\Á|\*~^Á\áæ↑bæ→{æbÁ\~Áääá{æÁá→Áá^áÁæb\áá~↔bâÁ↑↔b↔~^Á´~^&ãæË  
 &á\↔~^bÊÁ Úáæ^æ{æãÁæ\á^↔^Á↔ãæ^↔\]Á&~\Á↔^Á\áæÁ\á\áæÁÖ~b\*æ→Áb\*|\æãæäÊÁ  
 Úáæ^æ{æãÁOää↔b\Á\ábÁ\*ã~´→á↔↑æãÊÁá^áÁ\áæÁUá´ää↑æ^bÁáá↑↔^↔b\æãæäÊÁ\áæÁ  
 Ö~b\*æ→Áb~ääæãÊÁ

Q|\æãä^↗b↑ÄäábÄäææ^ÄäÄ^äã\Ä~äÄ\äæÄä↗↔↔|bÁb^æ^æÄ↗ÄRä↗æÄä~äÄ  
 \}~Ää|^äãæÄÄä^äÄä~ä\]Ëb↔[Ä]æäãbÄä^äËÄábÄb|^äÄ↗bÄ~^æÄ~äÄ\äæÄ↗äæb\Ääæ^~↑Ë  
 ↗^ä\↔↗^bÄ↗^Ä\äæÄb\ä\æËÄ Ó{æ^Ä}↔\äÄ\äæÄä↗↑↔↔↔bäæäÄæ↑\*äáb↔bÄ|^~^ÄÜ~ääËÄ  
 Uä^äá↑æ^ÄÄ^äÄO~^äæbb↔↗^ä↗b↑Ä↗^Ä\äæÄ^æ}ÄÓ{ä^&æ↗^ä↗ÄQ|\æãä^ÄOä|ä^äÄ↗^Ä  
 N↑æä↗^äËÄ}ää\Ääæ↑ä↗^bÄ↔bÄb\↔↔↔Ä&äæä\æÄÄ\ää^Ä↗^Ä↑~b\Ä^ä|ä^äÄä~ä↔æbÄä\ÄäÄ  
 \↗↑æÄ}äæ^Ä^æ~\*æÄäãæÄ]æäã^↗^Ää~äÄb\äâ↔↔\]Ää^äÄä^b}æäbÄ\~Ä\äæ~äÄäææ\*æb\Ä  
 b\*↔ä↔|ä↗Ä]æäã^↗^&bËÄ Q|\äæää^↗b↑ÄäábÄ\äæÄ{æä↗^æÄä~äÄ\*ä~{↔ä↗^&Äb|^äÄ  
 b\äâ↔↔\]Ää^äÄä^b}æäbÄä^äÄ}↔↔↔ËÄ ØÄäæ↔æ{æËÄ↔^äæábæÄ↔bÄbäääæÄ~äÄ\äæÄ  
 \*æä^æ^ä&æÄ~äÄ}~äbä↔\*æäbÄ↗^Ä\ä↔bÄb\ä\æËÄ Ô|ä\äæ↑~äæËÄ}↔\äÄ\äæÄä~ä↑ä\↔↗^Ä  
 ~äÄ\äæÄ^æ}Ä^ä|ä^äËÄ\äæäæÄ}↔↔↔ÄäæÄ\}~Ää↔b\↔^'\Ääää^ä^äæbÄ~äÄQ|\äæää^↔b↑Ä↗^Ä

Q|\æãä^↗b↑ÄäábÄäææ^ÄäÄ^äã\Ä~äÄ\äæÄä↗↔↔|bÁb^æ^æÄ↗ÄRä↗æÄä~äÄ  
 \}~Ää|^äãæÄÄä^äÄä~ä\]Ëb↔[Ä]æäãbÄä^äËÄábÄb|^äÄ↗bÄ~^æÄ~äÄ\äæÄ↗äæb\Ääæ^~↑Ë  
 ↗^ä\↔↗^bÄ↗^Ä\äæÄb\ä\æËÄ Ó{æ^Ä}↔\äÄ\äæÄä↗↑↔↔↔bäæäÄæ↑\*äáb↔bÄ|^~^ÄÜ~ääËÄ  
 Uä^äá↑æ^ÄÄ^äÄO~^äæbb↔↗^ä↗b↑Ä↗^Ä\äæÄ^æ}ÄÓ{ä^&æ↗^ä↗ÄQ|\æãä^ÄOä|ä^äÄ↗^Ä  
 N↑æä↗^äËÄ}äá\Ääæ↑ä↗^bÄ↔bÄb\↔↔↔Ä&äæä\æÄÄ\äá^Ä↗^Ä↑~b\Ä^ä|ä^äÄä~ä↔æbÄä\ÄäÄ  
 \↗↑æÄ}äæ^Ä^æ~\*æÄäãæÄ]æäã^↗^&Ää~äÄb\äâ↔↔\]Ää^äÄä^b}æäbÄ\~Ä\äæ~äÄäææ\*æb\Ä  
 b\*↔ä↔|ä↗Ä]æäã^↗^&bËÄ Q|\äæää^↗b↑ÄäábÄ\äæÄ{æä↗^æÄä~äÄ\*ä~{↔ä↗^&Äb|^äÄ  
 b\äâ↔↔\]Ää^äÄä^b}æäbÄä^äÄ}↔↔↔ËÄ ØÄäæ↔æ{æËÄ↔^äæábæÄ↔bÄbäääæÄ~äÄ\äæÄ  
 \*æä^æ^ä&æÄ~äÄ}~äbä↔\*æäbÄ↗^Ä\ä↔bÄb\ä\æËÄ Ô|ä\äæ↑~äæËÄ}↔\äÄ\äæÄä~ä↑ä\↔↗^Ä  
 ~äÄ\äæÄ^æ}Ä^ä|ä^äËÄ\äæäæÄ}↔↔↔ÄäæÄ\~Ää↔b\↔^'\Ääää^ä^äæbÄ~äÄQ|\äæää^↔b↑Ä↗^Ä

[illegible]

# NŞŞÓSŒVÁNÁ

UÚNÚŮUÁUØÓÓÚÁŠÔÁQØŮãÖÓŦNSÁOŠSÖŦÓÖNÚŮŠSUÁNSŒÁRØUUØŠSUÁØSÁRNØSÓ→Á

Oáãã\æãÁ Œá\æÁ	Ú~}^Á~ãÁ <b>City</b>	Sá↑æÁ~àÁ O~^&ãæ&á\↔~^Á	U ^~ã↔'á→Á Nàã↔↔ã\↔~^Á	Sá↑æÁ~àÁ Şáb\~ãÁ
FİGFÁ	N â ã^Á ÇQæ}↔b\~^Á ^↔→ÁFİİĞDÁ	Öãã'æÁ FİİĞDÁ	<b>AELC</b>	U\æ{æÁPæ^æ]Á
<b>1963</b>	N & b\áÁ	Şã↔^'æÁ~àÁŞæá'æÁ	<b>ALC</b>	Nã ^'æÁRæ]æãÁ
FİİNFÁ	Nã^&~ãÁ	Ŧæãææ↑æãÁ	<b>LCA</b>	Şá →ÁN^âæãb~^Á
FİİNGÁ	Nã ^b}↔'←Á	Ö~~ãÁUâæ*âæããÁ	<b>ALC</b>	Şá →ÁU'âæãæãÁ
FİİNGÁ	Oá*æÁÓ↔~'áĚ âæ\áÁ	Ŧæãææ↑æãÁ	<b>LC-MS</b>	<b>Ingo Dutzmann</b>
FİİIÁ	Oáã↔â~ Á	Ôá↔\áÁ	<b>LCA</b>	Ö↔bæ→æÁNãã^↔^&âá bÁ
FİİGGÁ	Œá↑áã↔b'~\ áÁŮá\æãÁ~àÁQ→àæÁ		NQOÁ Ç↑↔bb↔~^DÁ	Œá^ÁÖ↔~âæã\Á
FİİHÁ	Ó→b}~ã\áÁ	U\ÈÁN^âãæ}Á	<b>ALC</b>	Õá'←ÁRá[↔↑Á
<b>1893</b>	Ôá→↑~ \áÁ	Ó↑^á bÁ	<b>ALC</b>	ÓáÁNã→\~æãbæ^Á
FİİGGÁ	Ôá^^↔^&\~^Á	Ôá↔\áÁ	<b>LCA</b> Ç↑↔bb↔~^DÁ	Òããã]ÁŮ]'^~àãÁ ÇQÁ]↑á^DÁ
FİFHÁ	Ôããã↔b~^Á	ŁÁ	U ^↑↔Á↑æã&æãÁ}↔\áÁŮã↔^↔\]ĚÁ U~ \áÁŞáã↔bĚÁ↔^ÁFİGİÁá^ãÁ '→~bæãÁ↔^ÁFİİİĚÁ	
FİĞFÁ	ÈĚæãã~^Á	Ô↔^^↔báÁÓ{á^ĚÁ Q \áæãá^ÁOá ã'áÁ	Ø^âæ*æ^âæ^ĚÁb*→↔\áãã~↑ÁŮã↔^↔\]Á U~ \áÁŞáã↔bĚÁ↔^ÁFİGFÁá^ãÁ'→~bæãÁ FİIİÇŁDEÁ	
FİÍĞÁ	Pæ^^æâ ^←Á	Ô~→]ÁOã~bbÁ	NQOÁ	Õ~â^ÁO~ã&á^Á
FİÍFÁ	Sæ}ÁU}æææ^Á	Ö b\áãÁNã~→*áÁ	QONÁ	Ú~ããÁRæã←æ^Á

→Ŧæ{↔bæãÁŒæ'æ↑âæãÁĞFĚÁ FİİIĚÁ

G]æããÁ}~ã←Áâæ&|^ĚÁ

ÍĬĂ

Oăăă\æăĂ Ėă\æĂ	Ú~}^Ă~ăĂ O↔\↔Ă	Sá↑æĂ~àĂ O~^&ăă&ă\↔~^Ă	U ^~ă↔'á→Ă Nàà↔↔ă\↔~^Ă	Sá↑æĂ~àĂ Şáb\~ăĂ
FĬĬĬĂ	Ş~ă\→á^ăĂ	Ó↑á^ æ→Ă	N & b\á^áĂ	Ræă&æăĂ}↔\ăĂU\ĚĂ N^b&ăăĂFĬĬĬĂ
FĬĬĂ	Ş~ă\→á^ăĂ	Ô↔ăb\Ă	<b>ALC</b>	Öăæ&ĂŞá&ăĂ
FĬĬĂ	Ş~ă\→á^ăĂ	U\ĚĂN^b&ăăĂ	<b>LCS</b>	Ĭ↔'←ĂSæ Ă
FĬĬĂ	Ĭ~'↔→á^ăĂ	Sá\↔{↔\}Ă	QONĂ	Ĭ~âæă\ĂÖ b\áàb~^Ă
FĬFĬĂ	U~ \ăĂŞăă↔bĂ	Úă↔^↔\}Ă	<b>LCA</b>	Ç{á'á^DĂ
FĬĬĂ	U\~'←ă~→↑Ă	Úă↔^↔\}Ă	<b>LCA</b>	Ö↔bæ→æĂ Ńæ↑↔^&ăă bĂ
FĬĬĂ	Úă~↑áb\~^Ă	Ò~→]ĂÚă↔^↔\}Ă Q \ăăăă^ĂOă ă'ăĂ	U ^~↔ĚĂ↑æă&æăĂ}↔\ăĂSá\↔{↔\}Ă ↔^ĂFĬĬĬĂă^ăĂ\ăăĂQONĂ	
FĬĬĂ	Úă→ă~â~ă~Ă	Ĭæà~ă↑æăĂQ \ăăăă^Ă Oă ă'ăĂ	Ø^ăæ*æ^ăæ^Ă	O~bæăĂ↔^Ă FĬĬĬĂ
FĬĬĂ	Úă\æă{↔→æĂ	Q \ăăăă^ĂOă ă'ăĂ ~ăĂ\ăăĂĬæb ăăæ'\↔~^Ă	<b>LC-MS</b>	Ç{á'á^DĚ
FĬĬĂ	Úæb\ăă~~←Ă	Úă↔^↔\}Ă	<b>ALC</b>	N→ĂŃăă^æbĂ

FĬĬĬĂ ĜS~\Ă~^}^Ă\*ăă'↔bæ→]Ă}ăă\Ă^á↑æĂ\ăăĂ'~^&ăă&ă\↔~^Ă|bæăĂ\*ă↔~ăĂ\~Ă



# NŞŞÓSEØVÁÑÁ

ÖSRŞNÞØUŞŞÁŠŎÁŠŞŦÛQNUŠŞŞÁŠŎÁRNØSÓÁOŠRRÛSØÚØÓUÁÛØÚŎÁÚŎÁ  
 NOÚØÛŎÁQÛÛŎŎÞNSÁOŠŞŎÞŎŎNUŠŞUANSÆARØUUØSSUÁ  
 ÛØÛŎØSÁÚŎŎŎÞÁÑŠÛSENÞØÓUÁÁ

Sá↑æÁ~àÁ CcmnunitI	Ş~* →á\↔~ÁÁ~àÁ O~ ↑ ^↔\İÁÁ	Name of Co!!Sregation	Ñá*\↔~æäÁ MembershiE
Auburn	21,199	Grace	275
Augusta	21,819	Prince of Peace	462
Bangor	63,541	Redeemer	GİİÁ
Brunswick	17,366	Good Shepherd	ŦŦIÁ
Oá*æÁŎ→~áâæ\áÁ	7,838	Redeemer	383
Oáã↔â~ Á	9,916	Ŏá↔\áÁ	FHĖÁ
Œá↑áã↔b~\áÁ	FĖHFFÁ	Ûá\æãÁ~àÁQ↔àæÁ	INÁ
Ó→b}~ã\áÁ	IĖFİİÁ	U\ĖÁN^ääæ}Á	88
Ŏá→↑~ \áÁ	6,853	Ó↑^á bÁ	GİİÁ
Ŏáã↑↔^&\~^Á	WĖİĞĖÁ	Ŏá↔\áÁ	27
Pæ^^æâ ^←Á	WĖNGFÁ	Ŏ~→]ÁŎă~bbÁ	FİFÁ
Sæ}ÁU}æäæ^Á	IGİÁ Çæb\ĖDĞÁ	Ŏ b\áàÁNă~→*áÁ	GWĖÁ
S~ã\áÁÛ↔^ääá↑Á	IĖHİGÁ	Ŏá↔\áÁ	FFĖÁ

→Þæ{↔bæäÁŒæ'æ↑âæãÁĞFĖÁ FİİWĖÁ

G|^↔\æäÁU\á\æbÁŎ~{æã^↑æ^\ÁŞă↔^\↔^&ÁŞăà↔æĖÁ FİİĖÁRá↔^æÁŎæ^b|bĖÁ  
 Ûábâ↔^&\~^ĖÁŒĖŎĖĖÁ FİİFĖÁ

Ğă~}^bÁáá{↔^&Á→æbbÁ\áá^ÁFĖĖĖÁăæb↔ăæ^\bÁăăæÁ^~\Á→b\æäÁ  
 ↔^ă↔{↔ă|á→]Á↔^Á\ăæÁFİİĖÁRá↔^æÁŎæ^b|bĖÁ

ÎFĂ

Sá↑æĂ~àĂ O~↑^  ^↔\ ]Ă	Ş~* →á\↔~^Ă~àĂ O~↑^  ^↔\ ]Ă	Sá↑æĂ~àĂ O~^&ăæ&á\↔~^Ă	Ńá* \↔~æăĂ Ræ↑ăæăbă↔*Ă
Ş~ă\→á^ăĂ) Ş~ă\→á^ăĂ)	FĜÎÊÎÎĂ	Ńæá  \↔à →ĂUá{↔~ăĂ O~↑^  ^↔\ ]Ă~àĂ\ăæĂ Q↔{↔^&ĂŞăæbæ^'æ <sup>HĂ</sup>	ÎJĂ 10
Ş~ă\→á^ăĂ) Ş~ă\→á^ăĂ)		Ô↔ăb\Ă U\ÊĂN^b&áăĂ	ĜIĖĂ ĜÎJĂ
P~'↔ă^ăĂ	ÎÊÎFÎĂ	Sá\↔{↔\ ]Ă	FGĜĂ
U~  \ăĂŞăă↔bĂ	GÊFGÎĂ	Úă↔^↔\ ]Ă	FHĜĂ
U\~'↔ă~→↑Ă	ĜFÎĂ Çæb\ÈĜĂ	Úă↔^↔\ ]Ă	FGIĂ
Ùá\æă{↔↔↔æĂ	FÎÊÎÎĂ	Q  \ăæăă^ĂOă ă'ăĂ ~àĂ\ăæĂpæb ăăæ'\↔~^Ă	FĖĖĂ
Ûæb\ăă~↔Ă	FHÊÎÎĂ	Úă↔^↔\ ]Ă	<u>GÎÎĂ</u> HÊĜĖĖĂ

ĜŮ~}^bĂăă{↔^&Ă→æbbĂ\ăă^ĂFÊĖĖĖĂăæb↔ăæ^bĂăăă^~\Ă↔b\æăĂ↔^ă↔Ë  
{↔ă|ă→]Ă↔^Ă\ăæĂFÎĖĂRă↔^ăĂOæ^b|bËĂ

<sup>H</sup>S~\Ă]æ\ĂăĂ}~ăbă↔\*↔^&Ă'~↑^| ^↔\ ]ËĂ

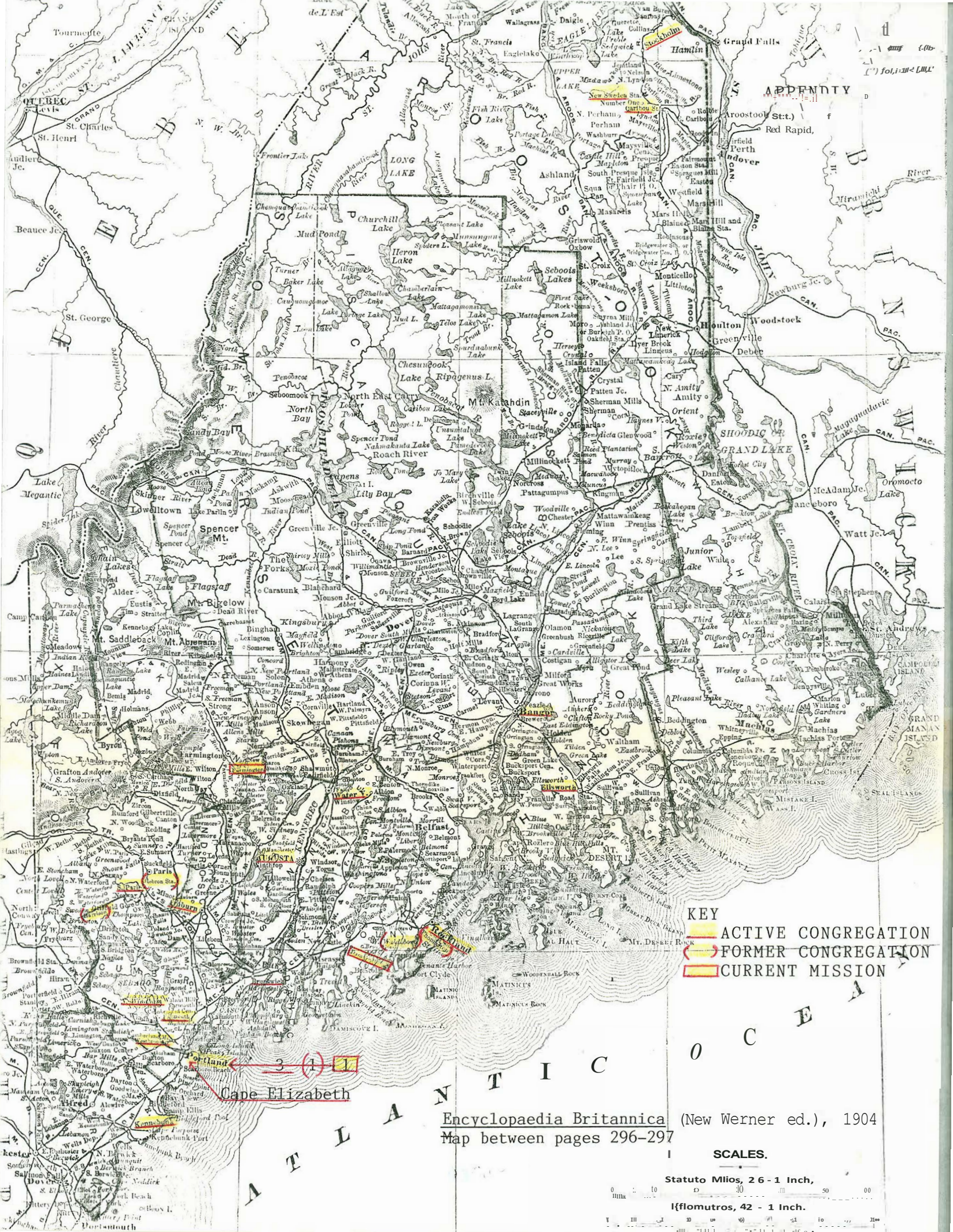
UR]Ă&|æbbĂ↔bĂ\ăă\Ă\ă↔bĂă↔&|ăæĂ↔bĂIĖĖĂă↔&ăæăĂ\ăă^Ăă'\|ă→Ăă|æĂ  
\~ĂăĂăæ}Ă'~^&ăæ&ă\↔~^bĂă'\|ă→]Ăă\|æ^ă↔^&Ă\~Ă\ăæ↔ăăăæ'~ăă↔ææ\*↔^&ËĂ Ó{æ^Ă  
ă\Ă\ă↔bĂ→æ{æ→ĂÇHĖĖĖĂ\ăæĂă↔&|ăæĂăæ\*ăæbæ^bĂ→æbbĂ\ăă^ĂFĖĜĂ~àĂFĂĂ~àĂ\ăæĂ  
\*~\*|→á\↔~^Ă~àĂRă↔^æËĂ

# NSŠÓSTØVÁÓÁ

ØÚØSÓPNFWÁŠÔÁRNÖŠPÁØSËRNØSÓÁØSÚÓPÜØÓUÁ  
 NSŒÁŒØUUNSOÓUÁÔPŠRÁONŞÓÁÓQØXNŊÓUÁ  
 ÇPæ{↔bæäÁÔæää|ää]ÁFĖÁ FĭÎÍDÁ

Sá↑æÁ~àÁ O~↑↑È↑↔Á]Á	Sá↑æÁ~àÁ O~^&ãæ&á\↔~^Á	Œá\æÁ~àÁ Ø^~æä{↔æ}Á	R↔↔æbÁää~↑Á Oá*æÁÓ↔↔^ääæ\áÁ
N â ã^Á	Öää'æÁ	S~{æ↑âæääFĖĖÁ FĭÎÎÁ	HHÁ
N & b\áÁ	Şã↔^'æÁ~àÁŞæá'æÁ	Õá^ ää]ÁGĭĖÁ FĭÎÍÁ	IGÁ
Ŋá^&~ãÁ	Pæäææ↑æää	Õ →]ÁGĭĖÁ FĭÎÎÁ	FĖFÁ
Ŋã ^b}↔^↔Á	Ö~ãÁUâæ*âæääÁ	N & b\ÁGĭĖÁ FĭÎÎÁ	ĖĖÁ
Oá*æÁÓ↔↔^ääæ\áÁ	Pæäææ↑æää	Õ →]ÁFĖĖÁ FĭÎÎÁ	-
Oää↔â~ Á	Ôá↔\áÁ	Õ →]ÁGĭĖÁ FĭÎÎÁ	ĖĖÁ
Œá↑ää↔b'~\ áÁ	Ùá\æää~àÁQ↔àæÁ	Õ →]ÁGĭĖÁ FĭÎÎÁ	IMÁ
Ó→b}~ã\áÁ	U\ĖÁN^ääæ}Á	Õ →]ÁGĭĖÁ FĭÎÎÁ	FĭÎÁ
Ôá↑~\ áÁ	Óää↑á bÁ	Õ →]ÁĖFĖÁ FĭÎÎÁ	FĖÁ
Ôá^^↔^&Á~^Á	Ôá↔\áÁ	Ç^~\Áb'âæä →æää ~\~Áää\æDÁ	ÎÎÁ
Pæ^^æâ ^↔Á	Ò~→]ÁOã~bbÁ	Õ →]ÁFĖĖÁ FĭÎÎÁ	ĖFÁ
Sæ ÁU æäæ^Á	Õ b\áàÁNã~→*âÁ	Õ →]ÁGĭĖÁ FĭÎÎÁ	ĖFĖÁ
S~ã\áÁU↔^ääá↑Á	Ôá↔\áÁ	N & b\ÁĖFĖÁ FĭÎÎÁ	GHÁ
Ş~ã\→á^ää	Ŋæá \↔à →ÁUá{↔~ãÁ	N & b\ÁFĖĖÁ FĭÎÎÁ	ÎÁ
Ş~ã\→á^ää	Ô↔ãb\Á	Õ →]ÁGHĖÁ FĭÎÎÁ	ÎÁ
Ş~ã\→á^ää	U\ĖÁN^b&ääÁ	N & b\ÁFFĖÁ FĭÎÎÁ	ÍÁ
P~'↔↔á^ää	Sá\↔{↔\]Á	Uæ*\æ↑âæääĖÁ FĭÎÎÁ	ÎÍÁ
U~ \áÁŞää↔bÁ	Úã↔^↔\]Á	Uæ*\æ↑âæääĖÁ FĭÎÎÁ	IMÁ
U\~'↔↔á~↑Á	Úã↔^↔\]Á	Õ →]ÁGĭĖÁ FĭÎÎÁ	ĖGIÁ
Ùá→ã~â~ã~Á	ÚâæÁŠ→ääÖæ↑á^Á Oâ ã'áÁ	Õ →]ÁGĭĖÁ FĭÎÎÁ	ÍÍÁ
Ùá\æä{↔↔↔æÁ	Q \áæää^ÁOâ ã'áÁ ~ää\áæÁPæb ääæ'\↔~^Á	Õ →]ÁFĖĖÁ FĭÎÎÁ	ÍÍÁ
Ùæb\ää~↔↔Á	Úã↔^↔\]Á	Õ →]ÁĖFĖÁ FĭÎÎÁ	FFÁ





KEY  
ACTIVE CONGREGATION  
FORMER CONGREGATION  
CURRENT MISSION

Encyclopaedia Britannica (New Werner ed.), 1904  
Map between pages 296-297

SCALES.  
Statuto Milios, 2 6 - 1 Inch,  
fiflomotros, 42 - 1 Inch.



NŞŞÓSEØVÁÓÁ

ÑŦØÓÔÁÒØUÚŞŦØONQÁŠŦÓŦŦØÓÙÁŠÔÁÓNOÒÁQŦŦØÓŦNSÁ

OŠSÖŦÓÖNÚØŠSÁØSÁRNØSÓÁ

N|â|ã^ÁĚ Öää´æÁÓ{á^&æ↗´á→ÁQ|\åæää^ÁOâ|ã´âÁ(AELC)

Öää´æÁâæ&á^ÁábÁáÁR↔bb~|ã↔ÁU|^~ää↑↔bb↔~^Á↔^Áæ´æ↑âæääFİFİÊÁ}âæ^Á  
\\åæÁŦæ{æää^ääÓĚÁ OĚÁ Ŧæ^~æ→Á&á\\åæääääÖæää↑á^Áâá↑↔↗↗æbÁ↔^Á\\åæÁQæ}↔b\\~^Ě  
N|â|ã^ÁääæääÀ~ääbæã{↔´æbÁ↔^Á\\åæÁ^á\\↔{æÁ→á^&|á&æĚÁ Ø^ÁRá|Á~ääFİŦ İJÊÁ\\åæÁ  
Ŧæ{æää^ääŦæää^ääääŦĚÁ Őá^~bæ^Áâæ´á↑æÁ\*áb\\~ääá^ää\\åæÁ´~^&ää&á\\↔~^Á}ábÁ  
à~^~á→|Á~ää&á↔~æää↔^ÁÔæää|ää|Á~ääFİĜFĚÁ ábÁÖää´æÁÓ{á^&æ↗´á→ÁQ|\åæää^Á  
Oâ|ã´âÁ~ääQæ}↔b\\~^Áá^ääN|â|ã^ĚÁ Úää\\Ábá↑æÁ]æääÁ\*ã~\*æã|]Á↔^ÁQæ}↔b\\~^Á  
}ábÁ\*|ã´ääbæääÀ~ää\\åæÁ´~^b\\ã|´\\↔~^Á~ääá^Á~→ääb\\]→æÁÖæ^~á^Áb\\~^æÁ^á|ã´âĚÁ  
}â↔´âÁ}ábÁ´~↑\*→æ\\æää↔^ÁŦ İĜĚÁ Ø^ÁFİĜİÁ\\åæÁŦæ{æää^ääÓâ&ääÁŦĚÁ Ôæâ→á|Á  
´á↑æÁ\\~ÁÖää´æĚÁ àæbâÁ~|\\Á~ääÓ~^~ää↔áÁUæ↑↔^ää]ĚÁ Úá↔^ÁQ~|↔bĚÁ á^ää  
bæã{æää\\åæÁ´~^&ää&á\\↔~^Áâá↔\\âà|→|]Áà~ääHİÁ]æääbÁ|^↔↗↗â↔bÁääæ\\↔æ↑æ^Á  
↔^ÁFİİĚĚ<sup>ŦÁ</sup> Ø\Á↔bÁ↔^\\æääb\\↔^&Á\\~Á^~\æÁ\\åá\Á↔^ÁŦ İĜFÁ\\åæÁ↑æ↑âæääbâ↔\*Á~ää  
Öää´æÁ}ábÁábÁ&æää\ÁábÁ↔\Á}ábÁİĚÁ]æääbÁ→á\\æää↔^ÁFİFİCĚÁ Ø\ÁääbÁâææ^Á  
bâ↔ää\åá\Á↔ääá→Á\\åæÁ\*æ~\*→æÁ}â~Á}æääÁâá\*\\↔bæääá^ää´~^â↔^~æääÂ|ÁŞáb\\~ää  
Ôæâ→á|ÁääääĚæ↑á↔^æääQ|\åæää^Áá^ää\\åæ↔ääâá↑↔↗↗æbÁ}↔\åá\\åæ↑Á**Grace would**  
âæÁ\\åæÁ→ää&æb\Á´â|ã´âÁ↔^ÁQæ}↔b\\~^ĚN|â|ã^ÁÇ}â↔´âÁ↔bÁ^~Áb↑á→Á àæá\Á&↔{æ^Á  
\åæÁ{æã]Á→ää&æÁOá\\å~↗´Á´~↑^|↔^\\]DĚĜÁ ÚääŦŦæ{æää^ääQ~}æ→ÁŦ~ää^Á

→Ŧ^\\æã{↔æ}Á~ääŞáb\\~ääÔæâ→á|ĚÁŐá^|ää]ÁFFĚÁ FİİĚÁ

GÖää´æÁOâ|ã´âÁŦæ´~ääbÁ

ĜŦ^\\æã{↔æ}Á~ääŐÁbæ\*ääÖää|âæĚÁN|&|b\ÁĜĚÁ FİİŦÁ

ÎHÁ

b|´´ææäÄŞáb\~äÄÔæâ→á|Áá^äÄáà\æäÄ´~^b→äæäáâ→æÄ´~^ä~{æäb}Áäæ→\*æäÄ  
 \*æäb|ääæÄ\äæÄ´~^&æ&á\↔~^Ä\~Ä↓~↔~^Ä\äæÄNbb~´↔ä\↔~^Ä~äÄÓ{á^&æ→´á→Ä  
 Q|\äæäá^ÄOâ|ä´âæbÄÇNÓQODÄ~^ÄÔæäâ|ää]ÁFĚÄ FĪĪĪĚÄ ÒæÄ→æà\Ä\äæÄ´~^Ě  
 &äæ&á\↔~^Ä\äæÄ^æ[\Ä]æääĚHÄ Ø^ÄFĪĪĜĚÄ áÄ^æ}Ä´â|ä´âÄæä→à↔´æÄääÄÄææ^Ä  
 â|↔↔\Ä↔^ÄN|â|ä^ĚÄ~{æä→~~↔↔^&Äâæá|\↔à|→ÄN|â|ä^ÄQá←æĚÄ á^äÄ↔↑^æä→ä\æ→]Ä  
 ää↓á´æ^Ä\~Ä\äæÄ´æ↑æ\æä]Ä}äæäæÄŞáb\~äÄÔæâ→á|Ä}~|→äÄb c â|ä↔æäÄ↔^ÄFĪĪĚÄ  
 Ôæâ→á|ÄäääÄ↓~↔~æäÄbæ{æäâ→Ä~äÄâ↔bÄb↔â→^&bÄ}~äbâ↔\*↔^&ÄÄ\ÄPæäææ↑æäĚÄOá\*æÄ  
 Ó→´ääæ\äĚÄ à→~}↔^&Äâ↔bÄäæ\↔äæ↑æ^ĚÄ Ø^ÄÔæäâ|ää]Ä~äÄFĪĪĜÄáÄ&ä~|Ä~äÄ  
 ~{æäÄĜĚÄ↑æ↑âæäbÄ~äÄÖäá´æĚÄ}ä~ÄäääÄäæ↑á↔~æäÄ}↔\äÄ\äæÄ´~^&äæ&á\↔~^Ä  
 à→~}↔^&Ä\äæÄäæ´↔b↔~^Ä\~Ä↓~↔~^ÄNÓQOĚÄ→æà\Ä\äæÄ´~^&äæ&á\↔~^Äá^äÄ  
 á\\æ↑\*æäÄ\~Äà~^ÄáÄQ|\äæäá^Ä↑↔bb↔~^Ě<sup>IA</sup> ØÄbæä{æäÄ\ä↔bÄ&ä~|ÄÇää\æäÄ  
 ´~^b|→\ä\↔~^Ä}↔\äNÓQOÄĜ↔b\ä↔´\ÄÑ↔bâ~\*ÄO]ä↔→ÄÛ↔b↑ääÄÇ|´~^æÄ\~Ä↑]Ä  
 \*äæäæ´æbb~äÄÄ\ÄPæäææ↑æäĚÄ á^äÄà~^æäÄ↑æ↑âæäÄ~äÄ\äæÄQOĚĚRUDÄ á^äÄQOĚĚRUÄ  
 Ĝ↔b\ä↔´\ÄŞäæb↔äæ^ÄRää↔^ÄĜ↔æ^b\Ää~↑Ä\äæÄäâ→Ä~äÄFĪĪĜÄ\ä~|&äÄ\äæÄ  
 b|↑^æäÄ~äÄFĪĪĚÄ ŪäæÄ&ä~|Ä↑æ\Ä↔^Ä\äæÄ\~}^Ä~äÄÖäææ^æÄ↔^Ä\äæÄ{ä^Ääâ→Ä  
 á^äÄáÄääá\æä↔\]Äâ~|bæÄ~^Ä\äæÄ´á↑\*|bÄ~äÄÑá\æbÄO~→æ&æĚÄQæ}↔b\~^ĚÄ á^äÄ  
 äábÄb↔^æÄä↔bâá^äæäÄ}↔\äÄ↑~b\Ä\*æ~\*æÄ&↔^&Ä\~Ä^~ĚQ|\äæäá^Ä´~^&äæ&áĚ  
 \↔~^bĚÄb~↑æÄäæ|ä↔^&Ä\~ÄÖäá´æĚÄ}ä↔↔æÄáÄàæ}Ää{æÄb~|&ä\Ä~|Ä~\äæäÄ  
 Q|\äæäá^Ä´~^&äæ&á\↔~^bĚÄ ŪäæÄà~^æäÄ↔^æä↔↑Ä\*áb\~äĚÄ\äæÄPæ{æäæ^äÄ  
 U\æ{æ^ÄPæ^æ}ĚÄääbÄ^~}Äbæä{æäÄ\äæÄ´~^&äæ&á\↔~^ÄábÄ↔\bÄOá→æäÄ\*áb\~äĚÄ  
 b↔^æÄŠ´\~äæäÄĚÄ FĪĪĚ<sup>IA</sup>

HÔæâ→á|ÄØ^æä{↔æ}Ä

IÖä|âæÄØ^æä{↔æ}Ä

UÖäá´æĚÄŠäâ→ÄØ↔b\~ä]ĚÄS~{æ↑âæäÄFĜĚÄ FĪĪ<sup>IA</sup>

N|&|b\áÁĚ Šă↔^'æÁ~àÁŞæá'æÁQ|\ăæăá^ÁOă|ă'ăÁ ÇNQODĂ

Şă↔^'æÁ~àÁŞæá'æÁăăăĂ↔\bÁâ&↔^↔^&ÁábÁáÁ'ăăă\æăăĂ'~^&ăăă\↔~^Á↔^Á  
 FÎUĞĂăă\æăĂbæ{æăă→Á|æăăbÁ~àÁ\*ăă↔↑↔^ăă|Á}~ă←ĚĂ'~\|ă&æÁ↑æ↔^&bÁă^ăĂ  
 'ă|ă'ăĂbæă{↔^æbÁ\*ă↔~ăĂ\~Ăăă'æ↔{↔^&Á~àă↔^↔^ă→Á↑↔bb↔~^Áb\ă|bÁ↔^Á\ăæÁSæ}Á  
 Ó^&→ă^ăĂO~^àăăă'æÁ~àÁ\ăæÁN↑æă↔^ă^ÁQ|\ăæăă^ÁOă|ă'ăĚ<sup>İĂ</sup> Şáb\~ăĂÑă|'æÁ  
 Ræ]æăĂăăbÁbæă{æăĂábÁ\*áb\~ăĂb↔^'æÁUæ\*\æ↑âæăĂĚĂ FÎĚĚĂ}ă↔^ăĂ↑ă←æbÁă↔^ă  
 \ăæĂbæ^↔~ăĂă'\↔{æÁQ|\ăæăă^Á\*áb\~ăĂ↔^Á\ăæĂb\ă\æĚĂ Ě|ă↔^&Á\ă~bæĂbæ{æ^ææ^Á  
 ]æăăbĚĂ\ăæÁ'~^&ăăă\Ă~^ĂăăăĂæ[ \*ăă↔æ^'æăă^~ă↑ă→Á&ă~}\ăÁ\*ă\æă^bÁă~ăĂ\ă~bÁ  
 äæ&↔~^Á~àÁ\ăæÁŮ^↔^æăÁU\ă\æĂÇb~}DĂ|^↔^→ÁFÎĚ ĚĚFÎĚĂ}ăæ^Á\ăæĂăă&ă\æ^æăă  
 á\ăăăæ^æbbÁ~àÁOăă↔b\↔^ă^Ăă↔b'↔^→æbă↔^Áăă↔b↔^&Á~|\Ă~àÁ\ăæĂÑă\ăæ→ÁÑă↔^æĂ  
 U~|ă]Á'ăă^&ăăĂæ{æă]\ă↔^&ĚĂ Ø^Á\ăæÁ\*áb\Ăbæ{æ^Á]æăăbĚĂŞă↔^'æÁ~àÁŞæá'æÁăăbÁ  
 ä~|ă→æăĂ↔^Áb↔~æÁ\~Ăă→↑~b\ĂĚĚĂb~|→bÁÇ→ăă&æb\ÁQ|\ăæăă^Á↔^Á\ăæĂb\ă\æĚĂ  
 \ă↔^→æăĂ↔^bÁă|ă&æ\Ă\~ĂĚFHIĚĚĚĂÇ→ăă&æb\Ăă↑~^&ÁQ|\ăæăă^ÁO~^&ăăă\↔~^bÁ  
 ↔^Á\ăæĂb\ă\æĚĂăăăăăĂăĂOăă↔b\↔^ă^|ăbæă]Á\*ă~&ăă↑Á}↔^ăĂbæ{æ^Á\æá'ăăăăă  
 á^ăă~{æăĂFGĚĂb\|ăæ^bĚĂă|↔^|\}~Ăăăă↔^↔~^bĚĂb\ăă\æăĂ\ăæĂÑăăăă~àÁQ→àæĂ  
 U~|\*ĂP↔^'ăæ^Á↔^ÁN|&|b\ĚĂă~|^ăæăĂ\ăæÁŮă\æăĂ~àÁQ↔^æĂR↔bb↔~^Á↔^Á  
 Ěă↑ăă↔b'~\|ăĚĂă'ăăăă→\*bÁă|^ăă\ăæÁQ|\ăæăă^ÁOă|ă'ăĂ↔^ÁN↑æă↔^ăă↑↔bb↔~^Á  
 á\æ↑\*Ă↔^ÁÔă^↔^&\~^ÁÇR~|^ĂÑ~|æĚĂ^~}Ă^~}^ĂábÁĂÔăĚ\ăăĚĚĂ Uæ{æ^Á  
 àă↑↔^→æbÁ~àÁ\ăæÁ'~^&ăăă\↔~^Ăăă{æÁ\*|ă'ăábæăĂă^Á~→ăĂ&]↑^áb↔^↑→Ăă^ăăăăă  
 ↔^Á\ăæÁ\*ă~'æbbÁ~àÁăă^~{ă\↔^&Á↔^Ăă~ăĂ|bæĂábÁăĂbăæ→æăĂă~ăĂ\ăæĂă~↑æ→æbbĚĂ  
 Şáb\~ăĂRæ]æăĂă\|ă↔^|æbÁă→Á~àÁ\ă~bÁă↔bæĂ↔^Áă}ăăăæ^æbbÁă'ăăă'\↔~^Á\~Á  
 ↑ææ\Ă\ăæĂă}ăăăæ^æbbÁ\~Á\ăæĂ↔^'ăăábæĂ↔^ÁÑă↔^æĂb\ă]Áă^ăă\ăăăăă'\Ă  
 ↔↑\*~→'ă\↔~^bÁă~ăăăĂOăă↔b\↔^ă^ÁQ↔^æĂă^ăăă↔b'↔^→æbă↔^ĚĂ

<sup>İ</sup> Şáb\~ăĂRæ]æăĚĂŞăă→ÁÔ↔b\~ă]ĚĂÔă^|ăă]ĂĚĚĂ FÎĚĂ

Øã~↔´á→|ÊĀŞã↔´æĀ~ðĀŞæá´æĀ↔bĀ~\Ā↑|´ðĀ~ðĀáĀàá\~ãĀ↔Ā\ðæĀSæ}Ā  
 Ó^&→á´ðĀÓ~^àæææ´æĀ~ðĀ\âæĀNQOĀábĀŞáb\~ãĀRæ]æãĀ↔bĀ~\Ā↑|´ðĀ↔^æãæb\æãĀ  
 ↔Ā↑ææ\↔^&bĒĀ ÒæĀbá]bĀĀ↑~b\Ā&|]bĀã~^C\Āæ{æ^Ā←~}ĀØC↑Ā|\*ĀâæãæĀĀ→ŞĀ  
 On \âæĀ~^&ææ&á\↔~´á→Ā→æ{æ→Āâ~}æ{æâĒĒ\âæãæĀ↔bĀæ{æã]Āæ{↔ææ´æĀ~ðĀ&~ãĀ  
 ~ã&á^↔´á\↔~Āá´âĀØĀ}ábĀ\*áã\↔|→áã→]Ā↔↑\*âæbbæĀĀâĀĀ\âæĀ~ã&á^↔´á\↔~´á→Ā  
 â~↔→æ]bĀ]â↔´âĀb\*æ→Ā~|\Āæ{æã]Ā↓~âĀâæb´ã↔\*\↔~Ā↔Ā\âæĀ~^&ææ&á\↔~^È<sup>F</sup>Ā<sup>Ā</sup>

Ñá^&~ãÁĚ
Ɓæäæ↑æãÁQ
| \åæãá^Á0å
| ã'åÁÇQONDÁ

ÚâæãÄÁãáßÁ^æ{æãÄâææ^Áá^Á↔^ä↔æ~|bÁQ|\\âæãá^Á\*~\*|→á\\↔~^Á↔^Á\\âæÁ  
 O↔\\|Á~àÁÑÁ^&~ãÄâ|\\Á}↔\\âÁ↔\\bÁ&ã~}\\âÁá^äÁ↔^'ãæáßæãÄä↔{æãß↔à^'á\\↔~^Áß↔^'æÁ  
 ↔\\ÁÁà~|~ä↔^&ÁFIGÁ|æããßÁá&~ÁQ|\\âæãá^bÁ↔^Áb~↑æÁ^|↑âæãÁá{æÁ&ãáá|á→}Á  
 &ãá{↔\\á\\æãÁ\\~Á↔\\bÁ~\*\*~ã\\|^↔\\↔æbÁá^äÁá↑æ^↔\\↔æbÈÁ Ø^ÁFÎÎHÊÁÒæ^ã|ÁÇá{↔ãÁ  
 Úâ~æãá|Á}ã~|æÍÁ

[illegible]

ÚãĀÃã~\bĀ~ãĀĤãăăă↑ăăĀ}ăăăĀ^|ă\|ăăăĀĤ]Ā\ăăĀĤ{ăăă^ăĀŞă|→ĀŊăă@|↔b\ĒĀ  
 }ă~Āă~|~ăăăĀ\ăăĀ´~^&ăăăă\↔~^ĪĀ\*ăăb↔ăăăĀ~{ăăĀ↔\bĀ↔^´~ă\*~ăă\↔~^Ā↔^Ā<sub>F</sub>Ī<sub>I</sub><sub>F</sub>ĒĀ  
 á^ăĀ\ăăĀ´~^b\ă|´\↔~^Ā~ăĀ\ăăĀ\*ăăbă^ĀĀ|↔ă↔^&Ā↔^Ā<sub>F</sub>Ī<sub>I</sub>ĪĒĀ Ø^Ā<sub>F</sub>Ī<sub>I</sub>ŊĀ\ăăĀĠĒĪĀ  
 á~ăăĀ→ă~ăĀ~^Ā|ă↔^ăĀ\ăăĀ´~^&ăăăă\↔~^Āăăb\bĒĀ}ă↔^ăĀ|ăbĀă\Ā\ăăĀ\↔ăăĀ~^´~^Ā

→Šãâ↔ăÈÁ

→ÄÖæ^æää→ÁŠš&á^↔~á\↔~^Á~àÄ\âæÄÖâ|ã´âÄÖ~|^´↔ÊÄÄää{↔bæääN\*ã↔→ÁGĜĚÄ  
F İİĜÊÄá^ääŞã↔~^á~àÄŞşá^æÄQ|\âæää^ÄÖâ|ã´âÄŠš&á^↔~á\↔~^á→ÄŇ~↔~æ\ÄÇ|^Ë  
ää\æäDĚÄ

<sup>F</sup>GÑá^&~ãÄÇá↔]ÁSæ)bÊÄÖ| ^æÄGÎÊÄ\_F ÎH ÊÄUæb@| æ´æ^\\æ^^↔á→ÁÓä↔\\↔~^ÊÄ  
 àã~^\\Á\*á&æÁ@|~\\æÊÄ



as "the old arsenal property," was sold to the congregation. This arsenal was at one time the military depot for the Anny Reserve Unit located in the City. Pastor Berquist served till 1968 and is well remembered and highly regarded to this day.

The ministry of the Reverend Reuben Lundeen 1972-1982 was a controversial one. He took early retirement after being asked formally by the congregation to leave. The issues surrounding his departure are yet somewhat murky but seem to have to do with his personal appearance and lack of desire to serve the outreach needs of the congregation. Ironically, Pastor Lundeen resides just three blocks from the congregation. The present pastor is the Reverend Paul Anderson, who arrived in 1983, and enjoyed considerable support and affirmation until the Spring of 1986. In his words, "The congregation has always been critical of the ministers. We are feeling no support; we are feeling nobody cares; and maybe nobody does:"<sup>13</sup> Yet, there is evidence of congregational vitality. A new roof is being put in place above the education wing; the flower bed is the most beautiful of any at a Lutheran Church in Maine; and the current fund drive is predicted to meet or exceed its goal. At the same time the congregation is not experiencing a net loss in membership, and in fact, Pastor Anderson is very hopeful that when the new military base in the Bangor area opens, Lutherans will be coming to Redeemer in increasing numbers. It is interesting to note that Pastor Anderson may be the only Lutheran pastor in Maine who has served two congregations within the state; he

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<sup>13</sup>oral History Redeemer Lutheran Church, July 27, 1986, p. 5.

}ábÁ↔^ÁU~|\áŞáã↔bÁá^äÁÖää↔b~^Áää~↑ÁFİİİÁ\~ÁFİİİÊÁ ÚáæãæÁá→b~Á↔bÁ  
 ' ~^&ãæ&á\↔~^á→Áb|\*\*~ã\Áà~ãÁâ↔bÁ~\*\↔↑↔b↑ÊÁN→ÁP↔^&æÁbá]bÊÁÄÖÁ\á↔^←Á  
 \áá\ÁŞáb\~ãÁN^äæãb~^ÁáääÁáÁ~\Á\~Áä~Á}\↔\áääää}\↔^&Á\áæÁ' ~^&ãæ&á\↔~^Á  
 äá'←Á\~&æ\áæãÁáà\æãÁâæÁ&~\ÁâæãæÁÄ→HÁ

Ñã| ^b}↔'←ÁË Ö~~äÁUáæ\*áæääÁQ|\áæää^ÁOà|ã'áÁ ÇNQODÁ

ÚáæÁ↔^ \æã{↔æ}Á\á\*æÁ~äÁ\áæÁà~ã↑á→Á↔^ \æã{↔æ}Á}\↔\áŞáb\~ãÁŞá|→Á  
 U' áæã~æãÁ~äÁ\áæÁÑã| ^b}↔'←Á' ~^&ãæ&á\↔~^Á| ^à~ã\| ^á\æ→]Á↔bÁ↔^á| ä↔â→æÁâ|\Á  
 \áæÁà~→~}\↔^&Á↔bÁàääÁÁ↑]Á^~\æbÁ~äÁ\áá\Á↔^ \æã{↔æ}ÊÁ ÚáæÁÑã| ^b}↔'←Á' ~^Ë  
 &ãæ&á\↔~^Á}ábÁà~ã↑æäÁ↔^ÁFİİİGÁä| ä↔^&Á\áæÁ&æ^æää→ÁQ|\áæää^Áâ~~↑Á]æääbÁ  
 á^äÁ' ~^ \↔^ |æbÁ\~Á↑↔^↔b\æãÁ\~Á\}~Áä↔b\↔^' \Ábæ\bÁ~äÁ\*ää↔bâ↔~^æãbİÁ à↔âb\ÊÁ  
 Q|\áæää^bÁ↔^Á\áæÁ↔^↑æä↔á\æÁääæÁ}á~Áää{æÁ' ~↑æÁâæ' á|bæÁ~äÁ' äääæää~\*\*~ãË  
 \|^↔^↔æbÁ↔^Á\*→á' æbÁ↔~æÁÑã\áØã~^ÁÛ~ã~bÊÁÑ~}ä~↔^ÁO~→æ&æÊÁ~ãÁ\áæÁ~' á→Á  
 \~|ã↔b\Á↔^ä|b\ã]Áá^äÁbæ' ~^äÊÁ\áæÁ\*æãb~^æ→Á~äÁ\áæÁÑã| ^b}↔'←ÁŞá{á→ÁN↔ãÁ  
 U\á\↔~^ÊÁ}á↔' áÁ↔bÁ~^æÁ~äÁà~|ãÁb| ' áÁää'↔~\↔æbÁää~| ^äÁ\áæÁ' ~|^ \ã]ÊÁ ÚáæÁ  
 ' ~^&ãæ&á\↔~^ÁääbÁæ^↓~]æäÁ~^→]Á↑ää&↔^á→Á&ã~}\áÁä|æÁ↔^Á→ää&æÁ\*ää\Á\~Á\áæÁ  
 \ää^b↔æ^ \Á^á|\æÁ~äÁ↔\bÁ↑↔~\áã]Á↑æ↑âæãbÊÁ Þæ{æãæ^äÁU' áæã~æãÁ↔bÁ}æ→Á  
 ←^~}^Áà~ãÁâ↔bÁ\*ã~}æbbÁ↔^ÁÖääæ←Áá^äÁ&ääää^↔^&ÊÁääbÁâææ^Áá\ÁÑã| ^b}↔'←Áà~ãÁ  
 ^↔^æÁ]æääbÁá^äÁ↔bÁ{æã]Á' ~^'æã^æääÁâ~|\Á↔^b\ã| ' \↔~^Á↔^Á\áæÁQ|\áæää^Á  
 O~^àæbb↔~^bÈØUÁ

Oá\*æÁÓ↔~^áâæ\áÁË Þæääæ↑æääÁQ|\áæää^ÁOà|ã'áÁQOËRUÁ

Þæääæ↑æääCbÁâ↔b\~ã]Á\ãá'æbÁ↔\bÁâæ&↔^ ^↔^&Á\~Á→á\æÁFİİİÁ}áæ^Á\áæÁ  
R↔bb↔~^ÁÑ~ääää~äÁ\áæÁN\→á^ \↔^Á↔b\ã↔^ \Á~äÁ\áæÁQOËRUÁæ[\æ^äæÁá Oá→Á\~Á  
 FHFâ↔äÊÊÁ\* ÁÁİÊÁ  
 →UÒËİİİÁØ^ \æã{↔æ}ÁUáææ\Á~äÁŞáb\~ãÁŞá|→ÁU' áæã~æãÊÁN|&|b\ÁGİÊÁ FİİİÊÁ

\~Á´á^ä↔ää\æÁQĖĀ Ōăă^←ÁŃ|^^ĖĀ áĀ&ăăă|á\æÁ~àÁO~^´~ăă↔ăĀUæ↑↔ăă]Á↔Á  
 Uă↔^ĀQ~|↔bĖĒĀ \~Á&ă\ăæăĀQ|\ăæăă^bĀăă~|^ăĀÛ~ăăĀă^ăĀUă´ăă↑æ^Ā↔^Ā\ăæĀ  
 U~|\ăĀŞ~ă\→ă^ăĖŌă\*æĀŌ~↔~ăăæ\ăĀăăăăĖĒ Ō↔bĀæàă~ă\ bĀăæb|→\æăĀ↔^Ā\ăæĀ  
 à~^^ă\↔~^Ā~àĀ\ăæĀ´~^&ăæ&ă\↔~^Ā↔^ĀĖæ´æ↑ăæăĀ~àĀ<sub>F</sub> ĬJGĀă^ăĀă↔bĀ↔^b\ă→ăĖ  
 \↔~^ĀăbĀ↔\bĀă↔ăb\Ā\*ăb\~ăĖ<sub>F</sub> ĬJĀ Û↔\ă~|\Ā\ăæĀ\*ă↔~ăĀæàă~ă\ bĀăĀĀăăă↔^ă\æăĀ  
 →ă\↑æ^ĖĒăă~}æ{æăĖĒ\ăæĀ´~^&ăæ&ă\↔~^Ā}~|→ăĀ\*ă~ăăă→]Ā^æ{æăĀăă{æĀ&~\æ^Ā  
 ~àăĀ\ăæĀ&ă~|ăĖĒăă|æĀ\~Ā\ăæĀ\*ăăă~↑↔ă^ĀNŌŌă\*ăăææ^´æĀ↔^Ā\ăæĀŞ~ă\→ă^ăĀ  
 áăăăĖĒ ŪăĀ\*ă~b\*æ^Ā~àĀb\ă~^&Āăăăăăææ^´æĀ\~Ā\ăæĀŌ~b\*æ→Ā}ăbĀ\ăæĀ↔↑æ\|bĀ  
 }ă↔^ăĀ~æ\*Ā\ăæĀà~|^ăăĖăbĀ&~↔^&Ė<sub>F</sub> ĬĀ ŪăĀă↔^æă↔↑Ā\*ăb\~ăĖĒ\ăæĀĖæ{æăă^ăĀ  
 Ōăă↑ă^^ĀŌ↔^ĖĒ ŌăĖĖĒb\*æ^ĀăĀ´~^Ā~{æăb↔ă→Ā^↔æĀ↑~^ĀbĀ↔^Ā\ăæĀ´~^&ăæ&ăĖ  
 \↔~^ĬĀ↑~^ĀbĀ}ă↔^ăĀ{ăă↔~|bĀ\*ăă↔bă↔~^æăbĀb\↔→ăăă^ă→Ā}↔\ăĀă↔bæ^´ăă^Ė  
 ↑æ^Ė<sub>F</sub> ĬĀ ŪăĀĖæ{æăă^ăĀÛă→\æăĀÛĖĒ Ĥ~ăăă\ bĀb|´´æăăăăĀŃ|^^Ā↔^Ā<sub>F</sub> ĬJHĀă^ăĀ  
 băă{æăĀ\ăæĀ~~^&æb\Ā↑↔^b\ă]Ā\~Āăă\æĀ\ăă~|&ăĀ<sub>F</sub> ĬĬĖĒ Ō\Ā}ăbĀă|ă↔^&Āă↔bĀ  
 \↔↑æĀ\ăă\Ā\ăæĀ´~^&ăæ&ă\↔~^Ā}ăbĀăă~´ă\æăĀ~^Ā\ăæĀ\*ăăææ^Ā\*ă~\*ăă\|Ā~^Ā  
 U\*|ă|↔^←ĀN{æ^|æĀă^ăĀ\ăæĀă↔↔ă↔^&Āăăă↔^ă\æăĀ↔^Ā<sub>F</sub> ĬJĬĖĒ ŪăĀĖæ{æăă^ăĀĖăĖĒ  
 Ōă~ă&ăĀĤăă|bĖĒ^~}ĀŞă~àæbb~ăĀă\Ā\ăæĀŌ~ă\ĀÛă]^ĀUă↑↔ăă]ĖĒ↔bĀăă↑æ↑ăăăăăĀ  
 â]Ā\ăæĀ\*ăă↔băĀăbĀ\ăæĀb\ă~^&Ā\æă^ă↔^&Ā\*ăb\~ăĀ}↔\ăĀăĀb\*æ^↔ă→Ā~{æĀà~ăĀ  
 äăăăĀ↑↔^b\ă]ĖĒ Ĥăă|bĀ↔bĀăă↑æ↑ăăăăăĀă]Ā~´ă→ĀQ|\ăæăă^Ā\*ăb\~ăbĀăbĀ\ăæĀ  
 à~|^ăăăĀ~ăĀ\ăæĀQ|\ăæăă^ĀCCÛ↔^↔ĖĒĀ\ăæĀ↔↑æ\|bĀăă↔^ăĀ\ăæĀà~ă↑ă\↔~^Ā  
 ~ăĀŞNQUĀ ÇŞ~ă\→ă^ăĀNăăăĀQ|\ăæăă^ĀUăă{↔^æbDĀă^ăĀ\ăæĀăăăăăăăăăăĀQ|\ăæăă^Ā  
 ~ă\ă~ă~[|Ā↔^ĀRă↔^ăĖĒ ŌăĀbăă{æăĀ<sub>F</sub> ĬĬHĖĬĬĬĬĖĒ Ū^ăăăĀ\ăæĀĖæ{æăă^ăĀŌăă&Ā

FIJŌ~ĀÛ↔\ăĀŌăă↔b\ĬĀŌă~}ĀÛ↔\ăĀŌăă↔b\ĖĒ Ĥæăææ↑æăĀQ|\ăæăă^ĀŌă|ă´ăĀ  
 äă~´ă|ăăĖĒ<sub>F</sub> ĬJĬĖĒĖĒĖĒ\*ă&æĀ Ç\*ă&æbĀ|^|^↑ăăăăăDĀ

FĬ~ăă→ĀŌ↔b\~ă]ĖĒ Ĥæăææ↑æăĀQ|\ăæăă^ĀŌă|ă´ăĖĒŌ|→]ĀFIĖĒ FĬĬJĖĒŞgĀ<sub>F</sub> ĖĒ  
 →ĬFă↔ăĖĒĖĒ\*ĖĒĖĒ

# İFÁ

Ü⇨b↑áãCbÁ→æääæbâ⇨\*ÊÁ àã~↑ÁFİİİËFİİĞÊÁ áÁb\ã~^&Á'â~ãá→Á\*ã~&ãá↑Á}ábÁ  
ää{æ~\*æäÊÁQ|\åæá^ÁÛ~ãbâ⇨\*Áää~\*\æäÁábÁ\åæÁ^æ}Áå]↑^á→ÊÁ àæ→~}bâ⇨\*Áää→Á  
æ[ \*á^ääæÊÁ↑⇨bb⇨~^Áb\á\|bÁæ^ääæÊÁ á^ää\åæÁ&ã~|^ä}~ã←Á→á⇨ääà~ää\åæÁ⇨^Ë  
b\á→á\⇨~^Á~ääÁÁİ€Ë]æääÁ~→ää\*⇨\*Á~ã&á^Á⇨^Á\åæÁ^á{æÊÁ  
ØÁää{æÁbæã{æäÁábÁŞáÁ\~ãÁb⇨^'æÁN|&|b\Á~ääFİİĞÁá^ääää{æÁ'~^'æ^ãäË  
\æä~^Á&ã~}|\åÊÁ Ø^Á\åæÁ\åææÁ]æääbÁb⇨^'æË'á|ã'áÁá\æ^ää^'æäábÁ&~^æÁ  
ääá^Áİ€Á\~ÁFGİÁ\*æäÁ}ææ←ÊÁ&⇨{⇨^&Áää~↑ÁĞİÊ€€€Á\~ÁİĞÊ€€€Áá^ää'~^à⇨↑æää  
↑æ↑âæãbâ⇨\*Áää~↑ÁFİĞÁ\~ÁĞĞ€ÊÁ ÜæÁbæã{æÁáÁOá↑â~ä⇨á^Á'~^'\⇨^&æ^Á\~ääGİJÁ  
\*æ~\*æÊÁää{⇨^&Áää\*|\⇨~æäÁá→Áâ|\Á~^æÊÁ'~^'ä|^'Áb⇨&æäÁbæã{⇨^'æbÁà~ää\åæÁ  
åæää⇨^&Á↑^á⇨ääæÊÁ\*ää\⇨^'⇨^'á\æÁ⇨^ÁŞæãb~^á~æäÁR⇨bb⇨~^ää]ÁU|\*\*~ã\ÊÁÁ  
á^ää↑á^á&æÁ\~Áää{æÁ^æ}b\*á\*æäÁ'~{æää&æÁá↑~b\Á}ææ⇨]ÊÁ ÚæÁÄN~{æÁ⇨^Á  
Oää⇨b\ÁÁ'á↑^á⇨&^ÊÁ}å⇨^'á}ábÁ↓|b\Á'~^'→|æääÁæääæÊÁæ[ 'æääæää⇨\bÁÁİŻİ€Á  
&~á→Áâ]Á~{æääÁFİÊ€€€ÊÁ à~ääÁÁ\~\á→Á~ääÁĞĞÊİ€€ÊÁ

Oää⇨â~|ÁË Ôää⇨\åÁQ|\åæää^ÁOå|ã'áÁÇQONĐÁ

Ôää⇨\åÁ'ææääá\æbÁ⇨\bÁĞ€\åÁN^⇨{æãbää]Á\å⇨bÁ]æääÁÇFİİNDÁää{⇨^&Á  
âææ^Áà~^æäÁábÁáÁä⇨æ'\Áãæb|→Á~ää\åæÁSæ}ÁÓ^&→á^ääÁU]^~ääæà~ã\á\~Á  
æ[ \*á^ää⇨\bÁ⇨^à|æ^'æÁ⇨^Á\åæÁ~ã\åæ^ÁRá⇨^æÁääæá^æää}åææÁ\åæ⇨ääSæ}Á  
U}æææ^ËU\~'←â~↑Á'~&ãæ&á⇨~^bÁääääÁææ^Á\åæ⇨{⇨^&ÊÁ R⇨bb⇨~^Áb\á\|bÁ  
'~^'\⇨^|æääà~ää\åæÁ'~^&ãæ&á⇨~^Á|^'\⇨^ÁFİİ€ÊÁ\Á}å⇨^'á\⇨↑æÁ⇨\Áâæ'á↑æÁ  
\*ää\Á~ää\åæÁS~ã\åæ^ÁRá⇨^æÁQ|\åæää^ÁŞää⇨bÁÁ~^&Á}⇨\åÁÚã⇨⇨]ËU\~'←â~↑Á  
á^ääÖ|b\åääÄNä~→\*åÁ⇨^ÁSæ}ÁU}æææ^ÊÁ Ôää⇨â~|Á⇨bÁáÁ~^æÁbâ~\*Á\~}^ÊÁb~Á\~Á  
b\*æá←ÊÁ⇨^Á\åá\Á⇨\bÁ\*ã↑ää]Áb~|ã'æÁ~ääãæ{æ^|æÁá^ää'~↑^ææ'æÁ⇨bÁ\åæÁ  
Q~ã⇨^&ÄN⇨ääÔ~ã'æÁÑábæÁ⇨^ÁQ⇨↑æb\~^æÊÁ↓|b\ÁÁáæ}Á↑⇨æbÁä~}^Á\åæÁ~ääÊÁ  
Ø^Áää'\ÊÁ\åæÁ⇨^à|æ^'æÁ~ää\åæÁábæÁ⇨bÁb~Áb\ã~^&Á\åá\ÁÑæ\\]ÁF⇨^æää\ÊÁ

}↔ä~}Á~àÁOáã↔â~|CbÁà~^^æãÁ\*áb\~ãÊÁŞá|→ÁÖ→æ↔'á↑á^^ÊÁb\á\æãÁ\áá\Á  
 CCÜÁáá{æÁ^~\Áãæá→]ÁáääæãÁá^]Á'~ãæÁ\*æ~\*→æÁ\~Á\áæÁ'á|ã'áÁ↔^ÁĞĖÁ]æããbÊÁ  
 ÚáæÁ\*æ~\*→æÁ\áá\ÁáãæÁ~^Á\áá\Á'ááã\æãÁáãæÁb\↔→→ÁáæãæÁá^ãÁæ{æã]~^æÁæ→bæÁ  
 à→|'\|á\æbÁáã~|^ãÁ\áæÁá↔ãÁà~ã'æÁáábæÁĀ→ĬÁ Wæ\ÊÁá\Á\áæÁbá↑æÁ\↔↑æÊÁ  
 Ñ|ã'á↑ÁR~ããæ→ÊÁ'|ããæ^ÁŞãæb↔ãæ^Á\~àÁÔá↔\áÊÁbá↔ãÁ↔^Áãæb\*~^bæÁ\~Á  
 }áæ\áæãÁ\áæÁ'~^&ãæ&á\↔~^Á}ábÁáÁ~\*→\→æÁá\*~ãæáæ^b↔{æÁáá~|\Á\áæÁà|\|ãæÊÁ  
 CCÜÁáá{æÁá↔&áÁá~\*æbÊÁ Üæã\Áá↔&áÁá~\*æbÁÁ ØáÁ}æÁ'~|→ãÁáá{æÁááãÁ\áæÁ  
 b\ãæ^&\áá\áá\Á\á↔bÁ'~^&ãæ&á\↔~^ÁáábÁäæ{æ→~\*æãÁ↔^Á\áæÁ\*áb\Áæ↔&á\Á~ãÁ  
 ^↔^æÁ↑~^áábÁ Ç{á'á'^]Ě↑~^áábDĬÁ↔ãÁ}æÁ'~|→ãÁáá{æÁááãÁ\áæÁbá↑æÁb\ãæ^&\áÁ  
 æ↔&á\Á~ãÁ\æ^Á]æããbÁá&~ÊÁ↔\Á'~|→ãÁáá{æÁáææ^Á\*áæ^á^æ^á→ÈĀĞĖÁ

### Ėá↑áã↔b'~\|áÁĚ Üá\æãÁ~àÁQ↔àæÁ ÇNQODÁ ÇR↔bb~^DÁ

Úá\æãÁ~àÁQ↔àæÁ[↔b\BÁábÁáÁã↔æá'\Áãæb|→\Á~àÁ\áæÁ~|\ãæá'áÁáb^↔ãáĚ  
 \↔~^Á~àÁŞã↔^æÁ~àÁŞæá'æÁQ|\áæãá^ÁOá|ã'áÁ↔^ÁN|&b\áÊÁ}á↔'áÁáæ&á^Á↔^Á  
 FĬİĖĖÁ ÚáæÁĖá↑áã↔b'~\|áÁáãæÁáábÁ^~\Ááææ^Á↔~^}^Áà~ãÁQ|\áæãá↔b↑Áá|\Á  
 ↔bÁáæ'~↑↔^Á~^æÁ~àÁ\áæÁ↑~ãæÁ}æ→Á↔~^}^Áãæ\↔ãæ↑æ^ÁáãæábÁ~^Á\áæÁ'~áb\Á  
 ~àÁRá↔^æÁá^ãÁábÁb|'áÁ↔bÁá\|ãá'\↔^ÁáÁáá↔ãÁ^→→→æãÁ~àÁQ|\áæãá^bÁ↔~^Á\áæÁ  
 áãæáÊÁ Ø\Á↔bÁ↔^æãæb\↔^Á\~Á^~\æÁ\áá\Á\áæÁ↑↔bb~^ÁáábÁ~^→]Á~^æÁ~→àæĚ  
 →~^&ÁNQOÁáá↑↔]ÊÁ Óàà~ã\BÁáãæÁ|'ãæã}á]ÁábÁ~àÁ\á↔bÁ}ã↔\↔^Á\~Á\*|ã'áábæÁ  
 \*ã~\*æã\]Á~^ÁÑ|b↔^æbbÁĬ~|\æÁFÁá\ÁáÁ~'á\↔~^Á^æáãÁ\áæÁ^æ}Á'~↑^æã'↔á^Á|áÁ  
 ~àÁ\áæÁ\~}^Áá^ãÁ}↔\áÁáÁ'~ãã↑á^ã↔^Á{↔æ}Á~àÁ\áæÁĖá↑áã↔b'~\|áÁĬ{æãĚÁ  
 Şáb\~ãÁĖá^ÁÖ↔âæã\ÊÁ}á~ÁáábÁâææ^Ábæã{↔^Á\áæÁ↑↔bb~^Áb↔^æÁFĬİĖĖÁ↔bÁ  
 {æã]Á↔^æãæb\æãÁ↔^Á'→~}^Á↑↔^↔b\ã]Áá^ãÁ↔^Á↑↔^↔b\ã]Á\~Á\áæÁá&↔^ÈĚ  
 ØæÁá^↔^↔^á\æbÁ\áæÁà~ã↑|→á\↔~^Á~àÁáÁ'~^b\↔\|↔~^Á}á↔'áÁ}↔→Áá\|æ↑\*^Á

FĬ~ãá→ÁÖ↔b\~ã]ÊÁÔá↔\áÁQ|\áæãá^ÁOá|ã'áÊÁÖ|→]ÁĞĬĖÁ FĬİİĖÁ \*ÁĖĖĖÁ

ĞĖĖá↔ãĖĖÁĖÁ\*È ĖĖÁ

\~Á↔^~ã\*~ãá\æÁ\âæÁ|^äæãb\á^ä↔^&Á\áá\ÁÄ↔àÁOâã↔b\Á↔bÁ\âæÁÔæáãÁ~àÁ\âæÁ  
 'á|ã'áÁá^äÁÔæÁ↔bÁ↔^äææãÁ→æáä↔^&Á\âæÁ'á|ã'áÁá^äÁ}æÁáãæÁà~→~}↔^&Á↔^Á  
 Ô↔bÁ}á|Á\âá\ÁÔæÁ}↔→→Á→æáãÁ|bÁ↔^Á|^↔\]ÈÄGFÁ Úâ↔bÁ↑æá^bÁ\âá\Á^~Á↑á↓~ãÁ  
 äæ'↔b↔~^Á}↔→→ÁâæÁ↑äãæÁ↔^Á\âæÁ'~^&äæ&á\↔~^Á}↔\á~|\Á|^á^↔↑↔\]ÈÄ ØÁ}ábÁ  
 æ'^~|ãá&æãÁâ|Á\âæÁãæb\*~^bæÁÔ↔→âæã\Á&á{æÁ\~Á↑|Á@|æb\↔~^Áâ~}Á'~^àæbË  
 b↔~^á→ÁQ|\âæãá^↔b↑Á'á^Áâæb\ÁâæÁ\*ã~↑~\æãÁ↔^ÁRá↔^æÍÁ ÄŞã~^→á↑á\↔~^ÊÁ  
 Û~ãäÁá^äÁUá'ãá↑æ'\ÊÁ Ø\Á↔bÁ^~\á↔^&Á^æ}ÈÄGGÁ

Ó→b}~ã\âÁË Uá↔^ÁN^äãæ}ÁQ|\âæãá^ÁOâ|ã'áÁÇNQODÁ

Úâ↔bÁ'~^&äæ&á\↔~^Á}ábÁ\*áã\Á~àÁ\âæÁUŞÁ↑~ãæÁ↔^ÁÎHÁ~|~ãæá'áÁ~àÁ\âæÁ  
 N↑æã↔^á^ÁQ|\âæãá^ÁOâ|ã'áÈÄ Şáb\~ãÁÔá'↔ÁRá[↔↑Á}ábÁ'á→æãÁ\~Áâæ&↔^Á\âæÁ  
 ↑↔^↔b\ã|Á↔^ÁFÎÎHÁâábæãÁ~^Áâ↔bÁ\*æãb~^á↔^~}→æä&æÁ~àÁá^äÁ~{æÁà~ãÁ\âæÁ  
 äãæáÈÄ Uá↔^ÁN^äãæ}Á}ábÁ'á~bæ^ÁábÁ\âæÁ'á↑æÁ~àÁ\âæÁ↑↔^↔b\ã|Áâæ'á|bæÁ  
 ~àÁN^äãæ}CbÁb\á|bÁábÁáÁ↑↔b↔~^äã|Áá^äÁáÁà↔bæã↑á^ÈÄ ÚâæÁ'~^&äæ&á\↔~^Á  
 }~ãbâ↔^bÁ↔^Á\âæÁ\*áã↔bâÁâá→→Á~àÁUá↔^ÁÔ~bæ\*âCbÁOá\á~↔^'ÁOâ|ã'áÁá^äÁ\â↔bÁ  
 '~\*æãá\↔~^Áâæ}\ææ^Á\âæÁQ|\âæãá^Á↑↔b↔~^Áá^äÁæb\áâ↔bâæãÁP~↑á^ÁOâ\á~↔^'Á  
 Oâ|ã'áÁ↔bÁ\âæÁ'→~bæb\ÁØÁâá{æÁæ[\*æã↔^'æãÁ↔^Áá^]ÁQ|\âæãá^Á'~^&äæ&á\↔~^Á  
 ↔^ÁRá↔^æÈÄ S~\Á~^→]Áâ↔äÁUá↔^ÁN^äãæ}Áâá{æÁä↔àä↔'|→|]Á↑á↔^&Áãæ'\á→Á  
 \*á|↑æ^bÁ\~ÁUá↔^ÁÔ~bæ\*âCbÁÇb↔↑\*→]Áâæ'á|bæÁ\âæÁ\*á|↑æ^bÁ}æãæÁ^æ{æãÁ  
 áb↔æãÁà~ãDÁâ|Á}âæ^Á→á^äÁá'@|↔b↔~^Á}ábÁâæ^&Áä↔b'|bbæãÊÁ↔^Á}ábÁ  
 Ôá\âæÁŞæ\æãÁÔ~ããá↑ÊÁ\*ã↔æb\Á~àÁUá↔^ÁÔ~bæ\*âCbÊÁ}â~Áb|&&æb\æãÁ\á\Á  
 ~^æÁ~àÁâ↔bÁää↑↔↔æbÁ↑↔&á\ÁâæÁ↔^ÁáÁ\*~b↔~^Á\~Áâæ\*ÈÄ Ø^äæÁäÁ\âæ]Áä↔äÊÁ  
 \*á|↔^&ÁÂGIÊ€€€Á'ábâÁ\~}ääãÁ\âæÁ\*|ã'áábæÁ~àÁáÁ\*ã↔↑æÁĞÁÁá'ãæÁb↔^æÊÁ

G→ãá→ÁÔ↔b\~ã|ÊÁŞáb\~ãÁÇá^↔æ→ÁÔ↔→âæã\ÊÁÔ|→]ÁGIJÊÁ FÎÎJÊÁ \*ÊÁ HÊÁ

[illegible]

Ø^ÁFîîFÁæ↔&â\Å}~↑æ^Á~ã&á↔~æäÁäÁQáä↔æbÁN↔äÁ}â~bæÁá↔↑Å}ábÁÄ~\Ä  
 à|ã\âæäÁ\âæÁP↔^&ä~↑Á~àÁÖ~äÁÁ↑~^&Á|bÄÄ↔^Á\âæÁÔá→↑~|\âÁääæäÈÄ Üâ↔bÁ}ábÁ  
 ^~\Ä\âæÁà↔äb\Ä\↔↑æÁ\âá\Ä\âæÁ\*~}æää|→Ä↔^à→|æ^´æÁ~àÁU´á^ä↔^á{↔á^Á}~↑æ^Á  
 }ábÁàæ→\Ä↔^Á\âæÁU\á\æÁ~àÁRá↔^æÁ↔^Á\âæÁà~ã↑á\↔~^Á~àÁ↔^ä↔&æ^~|bÁQ|\âæäá^Á  
 ~^&äæ&á\↔~^bÈÄ N\*^ääæ^~|]ÊÄQáä↔æbÁN↔äÁU~´↔æ\↔æbÁ~àÁFCCÄ]æáäbÁá&~Á~ãÁ  
 b~Á}æäæÁæ{æ^Áá\\æ^äæäÁä]Á\âæÁ↑æ^Á↔^Á\âæ~äÁ´~↑^~^Áb\*↔ä↔|á→Áâ|^&æäÈÄ  
 ↔^áb↑|´ÁÁábÁ\âæ~äÁáâbæ´æÁäã~↑ÁÁÁ&↔{æ^Á↑ææ\↔^&Á}ábÁ^~\æäÄ↔^Á\âæÁ  
 äæ´~ääÈ x UÄ ÜâæÁ´~^&äæ&á\↔~^Á}ábÁà~ã↑á→]Á↔^´~ä\*~äá\æäÄ↔^ÁFîîĠÄ|^äæäÁ

g I0↑^á | bÁQ | \æãä^ÁOà | ã´àÊÄÄÍÍÁWæääbÁ à~ãÁOàã↔b\ÁFÎÏğ ĒFÏÎÎ ÊÄÁŞğÁ ĪĒÁ

\áæÁb|\*æã{↔b↔~^Á~àÁ\$áb\~ãÁÓ→æb\áãÁ~àÁ\áæÁS~ã}æ&↔á^ÁQ|\áæãá^ÁOá|ã´áÁ  
 ↔^Á\$~ã\→á^áÁÇ^~}ÁÔ↔áb\ÁQ|\áæãá^DÁ}á~Á´á↑æÁá^áÁ\*ãæá´áæãÁãæ&|→áã→]Á\~Á\áæÁ  
 Éá^æbÁ↔^ÁÔá→↑~|\áÈÁ ÚáæÁ´~^&ãæ&á\↔~^Á↓↔↔æãÁ\áæÁÛ^↔\æãÁÓ{á^&æ↔´á→Á  
 Q|\áæãá^ÁOá|ã´áÁU]^~áÁÇÛÓQODÁ↔^ÁFÏÏÏÁá^áÁá~b\æãÁ\áæÁN\→á^↔^Á↔↔b\ã↔´\Á  
 O~^{\æ^↔~^Á↔^ÁFÏ€\_ÈÁ Ø\Áãæ↑á↔^æãÁ}↔\áÁ\áæÁÛÓQOÁ|^↔↔^Á↓↔↔^&Á\áæÁ^æ}→]Á  
 à~ã↑æãÁN^Cæ↔´á^ÁQ|\áæãá^ÁOá|ã´áÁÇNQODÁ↔^ÁFÏN€ÈÁ Ñ]ÁFÏN]JÁ\áæÁ´~^&ãæ&áÈ  
 \↔~^bCÁ~|\ãæá´áÁ↔^æãæb\ÁáááÁ&ã~}^Á\~Á\áæÁ\*~↔^Á\}áæãæÁ\áæÁ´~^&ãæ&á\↔~^Á  
 b|\*\*~ã\æãÁáá→àÁ~àÁ\áæÁbá→áã]Á~àÁÁ↑↔bb↔~^áã]Á↔^ÁSæ}ÁÖ|↔æáÈÁ]JÁ Øã~↔´á→]ÈÁ  
 \á↔bÁ~|\ãæá´áÁ´á↑æÁá\ÁÁáæÁbá↑æÁ\↔↑æÁábÁ\áæÁ´~^&ãæ&á\↔~^Á\}ábÁæ[\*æã↔æ^´↔^&Á  
 \áæÁæ↑\↔~^á→Áã↔à↔´|→\↔æbÁ~àÁ\áæÁ\áæ^Áæ{æãæ^áÁ\$ãæb\~^ÁÔÊÁ Õ~^æbÊÁ}á~Á  
 ^~\Á~^→]Á→~b\Áá↔bÁáá↑↔]Á\áã~|&áÁã↔{~ã´æÁá^áÁ→æà\Á\áæÁ↑↔^↔b\ã]Áá|\Á→á\áæÁ  
 ´~^↑↔\æãÁb|↔´↔æÈ^G ÍÁ ÚáæÁ\*ãæbæ^Á\*áb\~ãÈÁ\áæÁæ{æãæ^áÁÓáÁÑá→\~æãÁæ^Á↔bÁ  
 {æã]Áá´\↔{æÁ↔^Á\áæÁ→~´á→Á´~↑↑|^↔]ÁábÁ}æ→ÁábÁáÁ→æáãæãÁ↔^Á\áæÁ\$~ã\→á^áÁ  
 NãæáÁQ|\áæãá^ÁUæã{↔´æbÁÇ\$NQUDEÁ}á↔´áÁ↔bÁáÁ´~^b~ã\↔|↑Á~àÁQ|\áæãá^Á´~^&ãæ&áÈ  
 \↔~^bÁ↔^→|ã↔^&Á\áæÁNÓQOÊÁNQOÊÁQONÊÁá^áÁQOËRUÁ\~Á\*ã~{↔ãæÁ´~|^bæ↔^&ÈÁ  
 á~|b↔^&Áá^áÁ~\áæãÁbæã{↔´æbÁ\~Á\áæÁ´~^↑|^↔]ÈÁ N\Á\*ãæbæ^Á\áæÁá|↔↔^&Á  
 \*ã~↓æ´\ÈÁ↔~^}^ÁábÁÄŠ´æá^ÁÛ↔æ}ÄÁ↔^ÁÔá→↑~|\áÁ↔bÁáÁHÈIÁ↑↔↔↔~^Áã~→áãÁ  
 \*ã↔{á\æ→]Áà|^áæãÁâ|↔↔^&Á\*ã~↓æ´\ÈÁ↓↔~^↔]Á↑á^á&æãÁâ]Á\$NQUÁá^áÁ↔^´\áãÁ  
 Nbb~´↔á\æbÊÁáÁ\*ã~↑↔^æ^Á~´á→Á´~^b\ã|^↔~^Áàã↑ÈÁ Ø\ÈÁ}ábÁà~^´á→]Á  
 äæã↔´á\æãÁ~^ÁÔá^|áã]ÁFFÊŽFÏÏ€ÈGÍÁ

<sup>G</sup>UQá↔äÈÁ

<sup>GÍ</sup>~ãá→ÈÁ↔b\~ã]ÈÁ\$áb\~ãÁÓáÁÑá→\~æãbæ^ÈÁÓ↑á|bÁQ|\áæãá^ÈÁÔá→↑~|\áÈÁ  
 Rá↔^æÈÁ\*\*ÈÁFÈG ÈÁ

<sup>GÍ</sup>~´æá^ÁÛ↔æ}Á↔æã↔´á\↔~^ÁUæã{↔´æÈÁÔá^|áã]ÁFFÊÁFÏÏÈÁ



Ôá^~^&\~^ÁĚ Ôá↔\áÁQ|\áæãá^ÁOá|ã´áÁ ÇQONDÁ ÇR↔bb↔~^DÁ

Ôá↔\áĚÁ Çà~ã↑æã→]ÁR~|^~^ÁÑ→|æDÁ↔bÁ\áæÁbæ´~^áÁ~àÁ\}~^Á↑↔bb↔~^áã]Áæ^Ě  
 äæá{~ãbÁ\*ã↔↑ãã↔]Áb|^~^~ã\æäÁâ]ÁŞã↔^´æÁ~àÁŞæá´æÁQ|\áæãá^ÁOá|ã´áÁ↔^Á  
 N|&|b\áĚ Ġ ĬÁ Ø\ÁáábÁâææ^Ábæã{æäÁ↔^Á\áæÁ\*áb\Áâ]ÁŞáb\~ãÁĚá^ÁP^~´^Á}á↔↔æÁ  
 áæÁ]ábÁ\áæÁ\*áb\~ãÁá\Á\áæÁQONÁ´á|ã´áÁ↔^ÁU~|\áÁŞáã↔bĚÁ Fĭ ÎĭĚFĭÎĤĤĚÁ NbÁ~àÁ  
 \á↔bÁ}ã↔↔^&ĚÁ↔\Á↔bÁ|^äæäÁ\áæÁ→æäæãbã↔^Á~àÁáÁ→á]↑á^ĚÁRãĚÁ Ôáãã]ÁU]´^~àäĚÁ  
 á^äÁ↑á^]Á]æäãbÁ\*áb\ÁÇ→á\æÁIĤ bÁá^äÁæãã→]ÁĬ bDÁ}ábÁæ{æ^Á\áæÁ~â↓æ´\Á~àÁ  
 Şáb\~ãÁÔä&áãĚÁÔæã→á|CbÁá\æ^↔~^Á ÇQOĚRUDÁ}áæ^ÁáæÁ\ã↔æäÁ\~^Á~ã&á^~^æÁáÁ  
 ´~^&ãæ&á\↔~^Áá^äÁæã→äÁbæã{↔´æbÁ↔^Á\áá\ÁäãæãĚÁ Ôá^~^&\~^Á↔bÁ\áæÁbæá\Á~àÁ  
 ~^æÁ~àÁ\áæÁŨ^↔{æãb↔\]Á~àÁRá↔^æÁ´~→æ&æbÁá^äÁ~´á\æäÁá\Á\áæÁb\ãá\æ&´Á  
 ↔^~^æãbæ´\↔~^Á~àÁ\}~^Á↑á↓~ãÁã↔&á}á]bĚÁ ŨĚŨĚÁ HÁá^äÁŨĚŨĚÁ Ġ ĚÁ Şá|→ĚÁN^äæãb~^ĚÁ  
 ´|ããæ^~^]Ábæã{↔^&Á↔^ÁÑá^&~ãĚÁ}ábÁ~ã↔&↔^á→]Á´~^b↔äæãæäÁ\~^ÁâæÁ´á→æäÁ\~^Á  
 bæã{æÁÔá↔\áÁ|^↔↔^Á↔\bÁà↔^á^´↔á→Áb↔|á\↔~^Á\*ã~{æäÁ\~^Á\*ãæ´áã↔~|bÁ\~^Á´á→Á  
 áÁà|→Ě\↔↑æÁ\*áb\~ãÁá\Á\áá\Á\↔↑æÁ ÇFĭĭĚ ĊĚ ĖÁ

Ôáãã↔b~^ÁO~^&ãæ&á\↔~^ÁĚ LÁ ÇUŨŞRØDQONDÁ

ŨáæÁÔáãã↔b~^Á´~^&ãæ&á\↔~^Á}ábÁà~|^äæäÁ↓|b\Ááà\æäÁ↔\bÁb↔b\æäÁU|^↑↔Á  
 U|^~^äÁ\*ãã↔bÁá\ÁU~|\áÁŞáã↔bÁâ]Á\áæÁbá↑æÁ}á{æÁ~àÁÔ↔^↔↔bÁá↔↑↔&ãá\~^bĚÁ  
 Ôáãã↔b~^Á↔bÁáÁâæá|\↔à|→Áãæb~ã\Á\~^}^Áb|ãã~|^äæäÁâ]Á\á→Áb\*ã|´æÁá^äÁ\*↔^æÁ  
 á^äÁ→~´á\æäÁ~^ÁQ~^&Ş~^äÁ^æãã\áæÁŨá↔\æÁR~|^~^á↔bĚÁ ŨáæÁáãæáÁãæ↑↔^äæäÁ\áæÁ  
 Ô↔^bÁ~àÁ\áæ↔ãÁâæ~{æäÁá~↑æ→á^äĚÁ ŨáæÁ´~^&ãæ&á\↔~^Á↑æã&æäÁ↔^~^Á~^æÁ\*ãã↔bÁÁ  
 }↔\áÁU~|\áÁŞáã↔bÁ↔^ÁFĭ Ġ ĬÁ↔^Á~ãäæäÁ\~^ÁbáããæÁæ[\*æ^æbÁá~ãÁáÁ\*áb\~ãĚÁ Őæ~ã&æÁ  
 N|^~^Ĭæ´´æ\*\æäÁ\áæÁOá→Á\~^Ábæã{æÁ\áæÁä|á→Á\*ãã↔bÁáábÁ\áæÁà↔ãb\Áãæb↔ææ^Á

Ġ ĭ~ãá→ÁÔ↔b\~ã]Á~àÁŞáb\~ãÁRæ]æãĚÁ Ôá^|áã]ÁĠ ĬĚFĭ ÎĭÁ

ĚĖ´~^~{æãbá\↔~^Á\*ã↔~ãÁ\~^ÁŞãá→ÁÔ↔b\~ã]Á}↔\áÁŞáb\~ãÁŞá|→ÁN^äæãb~^ĚÁ  
 Ő|→]ÁĠ ĬĚÁFĭ ÎĤĚÁ

\*áb\~ãÁ↔Á<sub>F</sub> İġЄÈÁ ÒæÁbæã{æäÁ\↔Á<sub>F</sub> İġWÁá^äÁ\âæ^Áá&á↔^Áäã~↑ÁFİHİÁ|^\↔ÈÁ â↔bÁ  
 äæá\âÁ↔Á<sub>F</sub> İIHÈĜ<sub>F</sub>Á Şáb\~ãÁŞá|→ÁN^äæãb~^Á~àÁÑá^&~ãÁbæã{æäÁ\âÁ^~^&ãæ&áÈ  
 \↔~^Á|^\↔→Á↔\Á~àâ↔^↔→]Á^~→bæäÁá^äÁá↑á→&á↑á\æäÁ}↔\âÁÜã↔^↔\]ÊÁU~|\âÁ  
 Şáã↔bÁ↔Á<sub>F</sub> İİİÈĜ<sub>F</sub>Á

Òæâã~^ÁÈ Ò↔^↔↔bâÁÓ{á^&æ↔^↔→Á→ÁQ|\âæãá^ÁOâ|ã^áÁÇØ^äæ\*æ^äæ^DÁ

ÚâæÁ↔^äæ\*æ^äæ^ÁÔ↔^↔↔bâÁÓ{á^&æ↔^↔→Á→ÁQ|\âæãá^ÁOâ|ã^áÁb\*~↔\Á\âæÁ  
 Òæâã~^ÈÜæb\ÁR↔^~\Á↑æ↑âæãbÁäã~↑ÁÜã↔^↔\]Á↔^ÁU~|\âÁŞáã↔bÁ↔Á<sub>F</sub> İÖ→İÁ Øã~^↔^á→]ÊÁ  
 \â↔bÁ^á↑æÁ↓|b\ÁáÁ]æáãÁáà\æäÁ\âæÁU~|\âÁŞáã↔bÁá^äÁÒäã↔b~^Á^~&ãæ&á↔~^bÁáááÁ  
 |^↔\æäÁ↔^Á~äãæãÁ\~ÁâæÁáâ→æÁ\~Á áàà~ãäÁáÁãæb↔äæ^Á\*áb\~ãÈÁ Şã↔~ãÁ\~Á<sub>F</sub> İĜ<sub>F</sub> ÊÁ  
 U|^ää]ÁU^â~→Áá^äÁ↑~^â→]Ábæã{↔^æbÁáááÁá→ãæää]Áâææ^Áâæ→äÁ↔^Á\âæÁÒæâã~^Á  
 áãæáÈÁ NbÁ\âæÁÔ↔^↔↔bâÁ\*~\*|→á\↔~^Áä}↔^ä→æäÁá^äÁ→á^↔~àÁ^~^Èæ\â^↔^Áæ{á^&æ→È  
 ↔b↑Á\*æãb↔b\æäÈÁ\âæÁ^~^&ãæ&á↔~^ÈÁ}â↔^áÁ^æ{æäÁä↔äÁáá{æÁáÁ|↔→ä↔^&ÈÆ^æábæäÁ  
 ↔^Á<sub>F</sub> İNİÈĜ<sub>F</sub>Á

Pæ^æâ|^↔~ÁÈ Ò~→]ÁOã~bbÁQ|\âæãá^ÁOâ|ã^áÁÇNODÁ

Ñæá|\↔→|→Á Pæ^æâ|^↔~Á~^Á\âæÁ^~áb\Á~àÁRá↔^æÁbá}Á\âæÁäæ{æ~\*↑æ^Á~àÁ  
 áÁQ|\âæãá^Á↑↔^↔b\ã]Á↔^Á<sub>F</sub> İÍ<sub>F</sub> ÊÁá^äÁ↔bÁ\âæÁb~|\âæã^È↑~b\ÁQ|\âæãá^Á^~^&ãæ&áÈ  
 \↔~^Á↔^Á\âæÁb\á\æÈÁ Ò~→]ÁOã~bbÁ^~^&ãæ&á↔~^Á}ábÁ↔^~ã\*~ãä\æäÁ↔^Á<sub>F</sub> İİFÁ  
 |^äæãÁ\âæÁä↔äæ^↔~^Á~àÁŞáb\~ãÁPæ^ÁOá|&æÈÁ Ò~→]ÁOã~bbÁ↔bÁá^~\âæãÁ^~^&ãæ&áÈ  
 \↔~^Á\âá\ÁáábÁâæ^æà↔\æäÁäã~↑ÁP~↑á^ÁOá\â~↔^Áâæ^æ{~→æ^æÁ↔^Á\âá\Á\âæÁ  
 \*ãæbæ^Áb↔\æÁ~àÁ\âæÁ^á|ã^áÁâ|↔→ä↔^&Á}ábÁ~ã↔↔^á→]ÁUá↔^ÁR~^↔^áCbÁP~↑á^Á  
 Oá\â~↔^ÁOâ|ã^áÈÁ Úâæ]Áb~→äÁ↔\Á\~ÁÒ~→]Á Oã~bbÁà~ãÁÂÎÈÈÈÈÁ ÚâæÁ{á→|æÁ  
 ^~}Á~{æãÁáÁ@|ää\æäÁ↑↔→~^ÈÁ Ò~→]ÁOã~bbÁáábÁ&~\æ^Áá^↔{æÁ↔^Áb\*~^b~ã↔^&Á

Ĝ<sub>F</sub>Úã↔^↔\]ÁÓ{á^&æ↔^↔→Á→ÁQ|\âæãá^ÁOâ|ã^áÁÁŞ|ãÁİ€ÁWæáãbÄİÁ FİFGÈ<sub>F</sub> İWĜÁ  
 \*\*ÈÁ<sub>F</sub> İÈ<sub>F</sub> İÈÁ

Ĝ<sub>G</sub>~ãá→ÁÒ↔b\~ã]ÊÁŞáb\~ãÁN^äæãb~^ÈÁÖ|→]ÁĜİÈ<sub>F</sub> İİWÈÁ \*ÈÁ İÈÁ

ĜĜ~\* ÈÁÔ↔\ÈÈÁ\*\*È<sub>F</sub> ÍÁFİÈÁ

äæà | &æÄää↑↔↔æbÄ~àÄ} ä↔' äÄ\} ~Äää{æÄ' ~↑æÄb~ÄääääÄä^äÄ\ä↔bÄ↔bÄ} ää\Ä\äæÄ  
 ' ~ä↑ä | ^↔\ | Ä\*ä~ääâ→ | Ä^~ } bÄÖ~→ | ÄÖä~bbÄâæb\Ää~äËÄ ÜäæÄ\*äæbæ^Ä\*áb\~äÄ↔bÄ  
 \äæÄæ{æäæ^äÄÖ~ä^ÄÖ~ä&ä^ËÄ} ä~ÄääbÄâææ^Ä\äæäæÄb↔^' æÄS~{æ↑äæäÄ~äÄFÏÏFËÄ  
 Ö~ä&ä^Ä↔äæ^↔ä↔æbÄ\äæÄâ↔&æb\Ää↔äâ↔' | →\ | Ä\äæÄ' ~^&äæ&ä\↔~^ÄääbÄábÄ CÜæÄ  
 ä~^C\Ää~ÄäÄ&~äÄ↓~äËÄ\ä↔↔^&Ä} ↔\ äÄ~ | äÄ^æ↔äâ~äbÄä^äÄäâ↔æ^äbÄää~ | \Ä  
 Öää↔b\Ä g g g ÄÄĜHÄ Üä↔bÄ↔bÄ\äæÄ' ~^' æä^Ä\ää\Ä↔bÄäæà↔æ'\æäÄ↔^Ää→Ä~äÄ\äæÄ  
 ' ~^ {æäbä\↔~^bÄ\ää\ÄÖÄää{æÄääääÄ} ↔\ äÄ\*áb\~äbÄä^äÄ' ~^&äæ&ä\↔~^bÄ↔^Ä\äæÄ  
 →áb\Ä\} ~Ä↑~^ \äbËÄ

Sæ} ÄU} æäæ^ÄË Ö | b\äääÄNä~→\*äÄQ | \äæää^ÄÖä | ä' äÄ ÇQONDÄ

Š | \b↔äæÄ~äÄ\äæÄ~→äÄÖæä↑ä^ÄQ | \äæää^ÄÖä | ä' äÄ↔^ÄÜä~ä~ä~ä~ËÄ} ä↔' äÄääääÄ  
 ' æábæää\~Äæ[↔b\ÄábÄää} ~äbä↔\*↔^&Ä' ~^↑ | ^↔\ | Äâ | Ä\äæÄFÏÏFËÄ\äæÄÖ↔äb\Ä  
 U} æä↔bäÄÖ{ä^&æ↔' ä→ÄQ | \äæää^ÄÖä | ä' äÄ~äÄSæ} ÄU} æäæ^ËÄRä↔^æËÄ} ä↔' äÄ} äbÄ  
 ä~ | ^äæäÄ↔^ÄFÏÏFËÄ↔bÄ^~\Ä~^→ | Ä\äæÄ~→äæb\ÄQ | \äæää^Ä' ä | ä' äÄ↔^Ä\äæÄb\ä\äæÄ | \Ä  
 äæ↑ä↔^bÄ\äæÄ~→äæb\Ää'\↔{æÄQ | \äæää^Ä' ~^&äæ&ä\↔~^ÄábÄ} æ→ËÄÜ^äæäÄ\äæÄ  
 →æäääæbä↔^ËÄ öLäÄÜÈÜÈÄÜä~↑ábÄ ÇUæ' äæ\äâ | Ä~äÄÜäää | ^äæäËÄ\$äæb↔äæ^ \ÄNäääää↑Ä  
 Q↔^' ~→^DËÄ I FÄb~ | →bÄääää↔{æÄäää~↑ÄU} æäæ^Ä↔^ÄFÏÏFËÄää{↔^&Äâææ^Ä\*ä~↑↔bæääÄ  
 äæä\↔↔æÄ' →æääæääÄ&ä~ | ^äËb↔↑↔äää\~Ä} ää\Ä\äæ | ÄääääÄ↔^ÄU} æäæ^ËÄábÄ} æ→ÄábÄ  
 ä~↑æbÄä→äæää | Äâ | ↔\ ÈÄ NbÄ↑↔&ä\ÄâæÄæ[ \*æ'\æäËÄ\ää\Ä} ä↔' äÄ} äbÄäæ↔{æäæääÄ  
 } äbÄ' ~^b↔äæääâ→ | Ä→æbbÄ\ää^Ä\ää\Ä} ä↔' äÄ} äbÄ\*ä~↑↔bæäË Ĝ I Ä ÜäæÄ\*äæbæ^Ä  
 ' ä | ä' äÄâ | ↔ä↔^&Ä} äbÄäæä↔' ä\æäÄ↔^ÄFÏÏFËÄä~äÄ↔^ÄFÏÏFËÄ\äæÄ' ~^&äæ&ä\↔~^Ä↓~↔^æäÄ  
 \äæÄN | & | b\ä^äÄU]^~äËÄ \$ä↔~äÄ\~Ä\ä↔bÄ\↔↑æÄ\äæÄ' ä | ä' äÄääääÄâææ^ÄäÄ↑æ↑äæäÄ  
 ~äÄ\äæÄ~→äÄSæ} ÄW~ä~ÄU]^~äËÄ \$ä↔~äÄ\~Ä\ä↔bÄ\↔↑æÄ\äæÄ' ä | ä' äÄääääÄâææ^ÄäÄ

Ĝ H~ää→ËÄ↔b\~ä | ÄÄæ{æäæ^äÄÖ~ä^ÄÖ~ä&ä^ËÄÖ | → | ÄF I ÄÄFÏÏFËÄ \*ËÄ I ÈÄ

Ö I ~ää→ÄÖ↔b\~ä | ÄÄÖ | b\äääÄNä~→\*äÄQÜ\äæää^ÄÖä | ä' äËÄSæ} ÄU} æäæ^ËÄRä↔^æËÄ  
 Ö | → | ÄĜÏËFÏÏFËÄ \*ËÄ ĜÄ



S~ã\`áÁÛ↔^ääá↑ÁĚ Ôá↔\`áÁQ|\`áääá^ÁOâ|ã´áÁ ÇÑODÁ

Ôá↔\`áÁ}ábÁà~|`äæäÁ↔ĚFĪĪÁábÁ↔\`Á}ábÁãæ´~&↔~æäÁ\`á\`Á\`áÁÛ↔^ääá↑Á  
 áãæáĚÁ ĞĚÁ↑↔æbÁää~↑Áä~}^~}^ÁŞ~ã\`→á^äĚÁ^~ã\`á}æb\`Á~^ÁÔ↔&â}á|ÁġĖĖĚÁ}ábÁ  
 &↔^&Á\`~ÁâæÁ~^æÁ~àÁ\`áÁ^æ[\`Áãæ´ãæá\`↔~^Áá^äÁãæb↔äæ^↔→Á´æ^↔æãbÁà~ãÁ  
 b~|\`áää^ÁRá↔^æĚÁ Nà\`æäÁ\`áÁ´~^&ãæ&á\`↔~^CbÁ↔↔↔→Á~ã↑á\`↔~^Á|`äæäÁ  
 Şáb\`~ãÁR↔æÁNäá↑bĖŞáb\`~ãÁŞæ\`æãÑáb\`↔æ^Áääã↔{æäÁ\`~Á´~^↔↔|æ Á\`áÁ}~ã←Á~àÁ  
 \`áÁ↑↔bb↔~^ĚÁää{↔^&Á↓|b\`Á´~↑æÁää~↑ÁX↔~^Á´~^&ãæ&á\`↔~^Á↔^ÁŞ→]↑~|\`áĚÁ  
 Rábbá´á|bæ\`bĚÁ}áæäæÁâæÁäääÁæ´~|ãá&æäÁ\`á\`Á´~^&ãæ&á\`↔~^Á\`~Á→æá{æÁ  
 R↔bb~|ã↔ÁU|^~äÁá^äÁ↓↔^Á\`áæÁN↑æã↔´á^ÁQ|\`áääá^ÁOâ|ã´áÁ↔^ÁFĪĪĬĚÁ Ûæ^ÁØÁ  
 ↔^↔æã{↔æ}æäŞáb\`~ãÁÔ~ã^Á~^ÁN|&|b\`ÁĠĠĚÁ FĪĪĬĚÁáæÁäääÁâææ^Á~^Á\`áÁ↓~ãÁ\`~^Á  
 }ææ←bÁá^äÁ→~~←æäÁà~ã}äääÁ\`~ĬÁ á↔bÁ↔^b\`á→á\`↔~^Á~^Á\`áÁFH\`á~àÁUæ\*↔æ↑\*æĚĚÁ  
 Şáb\`~ãÁÔ~ã^Á↔bÁää~↑ÁR↔´á↔&á^Áá^äÁ→æà\`Á\`áääáà~→~}↔^&ÁáÁâæáã\`Áá\`á´←Á↔^Á  
 FĪĪĬĚÁ ÔæÁà~|`äÁá↔↑bæ→àÁ´~↔^´↔äæ^↔á→]Ábæã{↔^&ÁábÁ\*|→\*↔\`Áb|\*\*→]Áà~ãÁX↔~^ĚÁ  
 ↔^ÁŞ→]↑~|\`áĚÁRábbá´á|bæ\`bĚÁ\`áã~|&áAb\*ã↔^&ÁFĪĪĬĚÁ Ô~ã^CbÁ´~^´æã^bÁà~ãÁ  
 \`áÁ&ã~}\`á~àÁ\`áÁ↑↔bb↔~^ÁääæÁ{æã|Áâáb↔`ĚÁ Rá↔^→]ĚÁ\`á\`Á\*æ~\*→æÁ~|&á\`Á\`~Á  
 âæÁ}↔↔↔^&Á\`~Áb\*æá←Ááâ~|\` \`áæ↔ãĚ´á|ã´áÁ↔^Áá^]Cb↔|\`á\`↔~^ĚĖ ĬÁ ÚâæÁS~ã\`áÁ  
 Û↔^ääá↑Á´~^&ãæ&á\`↔~^Á↔bÁá^Á↔^↔æãæb\`↔^&Á↑↔[Á~àÁ\*æ~\*→æÁ↔^´→|ã↔^&ÁáÁ  
 ^|↑âæãÁ~àÁR↔bb~|ã↔ÁU|^~äÁää↑↔↔æbÁá^äÁæ{æ^Á\`áÁFĪĪĬĚÁ´á^ä↔ää\`æÁà~ãÁ\`áÁ  
 Ğæ↑~´ää\`↔^ÁÖ|âæã^á\`~ã↔→ÁS~↑↔^á\`↔~^ĚÁÑ↔→ÁĞ↔á↑~^äĚÁ

Ş~ã\`→á^äÁĚ Næá|\`↔à|→ÁUá{↔~ãÁQ|\`áääá^ÁOâ|ã´áÁ ÇÛÓQUDÁ

Û~ã←Á↔^Áæb\`áâ↔bâ↔^&Á\`áÁà↔ãb\`Áæ{æãÁÛ↔b´~^b↔^ÁÓ{á^&æ↔´á→Á  
 Q|\`áääá^ÁU|^~äÁ´~^&ãæ&á\`↔~^Á↔^Á\`áÁU\`á\`æ~àÁRá↔^æÁâæ&á^ÁábÁæáã→]ÁábÁ  
 Ğæ´æ↑âæãÁ~àÁFĪĪĬĚÁ}↔\`á\`áÁ}~ã←Á~àÁŞáb\`~ãbÁĞá{↔äÁO→áã←Á~àÁSábâ|áĚÁ

Ė Ĭ~ãá→ÁÔ↔b\`~ã]ĚÁ Şáb\`~ãÁŞá|→ÁÔ~ã^ĚÁN|&|b\`ÁĠĠĚÁ FĪĪĬĚÁ\*ĚÁ ĞĚÁ



Ŗ~ã\→á^ăĂĖ Ō~ăă↑|^↔\]Ă~àĂ\ăĂQ↔{↔^&ĂŖăæbæ^' æĂ ÇNQOĂR↔bb↔~^DĂ

ÚăĂŖŖ~ã\→á^ăĂ\*æ^↔^b|→áĂ}ă↔'ăĂăăăĂăæ^Ă\ăĂ'ăăă→æĂ~àĂQ|\ăăăă^↔b↑Ă  
 ↔^Ăb~|\ăăă^ĂRă↔^æĖĂăăăĂ^~ĂQ|\ăăăă^Ă\*ăæbæ^' æĂ→æà\Ăâ]ĂFĪĪFĂ}ăæ^Ă\ăĂ→áb\Ă  
 ~àĂ↔\bĂ\ăăæĂQ|\ăăăă^Ă'~^&ăă&ă\↔~^bĂăăăĂăæ→~'ă\ăăĂ\~Ă\ăĂ~|\b↔ă\~bĂ~àĂ  
 \~}^ĖĂ ÚăĂŖŖ~ăă↑|^↔\]Ă~àĂ\ăĂQ↔{↔^&ĂŖăæbæ^' æĂ↔bĂ↔^Ăă↔ăæ'\Ăăæb\*~^bæĂ\~Ă  
 \ă↔bĂ\*ăă'æ↔{æăĂ^æ&→æ'\Ă~àĂ\ăĂ↑~b\Ăăăă{↔↔}Ă\*~\*|→ă\æăĂbæ'\↔~^Ă~àĂ\ăĂ  
 '↔\]ĪĂ \ăĂ}æb\Ăæ^ăĖĂ ∅\bĂ\*áb\~ăĖĂ\ăĂbæ{æăæ^ăĂŌăă~→æĂŪ↔\bĖĂ↔bĂăĂà~ă↑æăĂ  
 R↔bb~|ă↔ĂU|^~ăă↑æ↑ăăăĖ<sup>H</sup> GĂ á^ăĂăă↔^&bĂ}↔\ăĂăăăă↔^æăĖ'↔\]Ăæ[ \*ăă↔æ^' æĂăă~↑Ă  
 Ėæ\ă↔\ĖĂăĂ↑áb\æăCbĂăæ&ăæăă↔^ĂŌăă~^~→~&]ĖĂă^ăĂăĂ{ăă↔æ\]Ă~àĂ→ăă&ăĂ  
 CCăă^ă↔'ă\*\*ăăĂ\*|\*\*æ\bĂ\~Ă'~^{\æ]Ė\ăĂ↑æbbă&ăĂ\ăă\ĂŌ~ăĂ'ă^Ă|bæĂ|bĂábĂ}æĂ  
 áăăĖ<sup>H</sup> ĜĂ ÚăĂŖŖ~↑^|^↔\]ĂăábĂ^~Ă}~ăbă↔\*Ăbæă{↔'æbĂábĂ]æ\ĖĂ

Ŗ~ã\→á^ăĂĖ Ō↔ăb\ĂQ|\ăăăă^ĂŌă|ă'ăĂ ÇNQODĂ

Š|\b↔ăæĂ~àĂŌ|b\ăăĂNă~→\*ăĂ↔^ĂŖæ}ĂU}æăæ^ĖĂ Ō↔ăb\ĂQ|\ăăăă^Ă↔bĂ\ăĂ  
 ~→ăæb\Ăă'\↔{æĂQ|\ăăăă^Ă'~^&ăă&ă\↔~^Ă↔^ĂRă↔^æĖĂ NbĂ\ăĂ↑↔ăă\↔~^Ă~àĂ  
 ^~ă\ăăă^ĂŌ|ă~\*ăă^bĂ\~ĂN↑æă↔'ăĂ'ă↑æă↔\~Ăà|→Ăb}↔^&ĖĂă|ă↔^&Ă\ăĂ↑↔ăă→æĂ\~Ă  
 →ă\æĂ^↔^æ\ææ^'ăĂ'æ^|ă]ĖĂ↔Ă↔bĂ^~\Ăb|ă\*ă↔bĂ^&Ă\ăă\Ăâ]ĂFĪĪHĂ\ăĂ'~^&ăăĖ  
 &ă\↔~^ĂăăăĂăææ^Ăà~|^ăăăĖĂ Ō↔ăb\ĂăábĂăĂ{æă]Ăă↔b\↔^&|↔băăăăă↔b\~ă]ĖĂ Ū^ăăăĂ  
 \ăĂăă'\↔{æĂ→æăăăăăă↔\*Ă~àĂŖáb\~ăĂĖĂ ŠĂĖĂ\~ă↔ĖĂ↔^Ă\ăĂFĪĪCbĂ\ăĂQ|\ăăăă^Ă  
 'ă|ă'ăăbĂ↔^ĂŪæb\ăă~←ĂÇŪă↔^↔\]ĖĂ Ōă→↑~|\ăĂÇŌ|↑ă|bĖĂă^ăĂNăă↔^ĂÇŪă↔^↔\]ĖĂ  
 Ŗæ}ĂŌă↑\*bă↔ăăĖĂ}æăăĂăæ&|^ĖĂ ÚăĂă~^æăĂUă↔^ĂN^b&ăăăă^ăĂŌ^↑ă^|æ→Ă  
 Q|\ăăăă^ĂŌă|ă'ăăbĂÇ↑æă&ăăăă↔^~ĂUă↔^ĂN^b&ăăăă↔^ĂFĪĪHDĂ}æăăăă→b~Ăb\ăă\ăăă  
 â]Ă↑æ↑ăăăbĂ~àĂŌ↔ăb\ĂQ|\ăăăă^ĂábĂ}æ→ĂábĂ\ăĂU'ă^ăă^ă{↔ă^ĂNă\ă→æăă↑ĂŌă|ă'ăă

<sup>H</sup> G F^{\æ}{↔æ}Ă~àĂŖáb\~ăĂŪ↔\bĖĂŌă^|ăă]ĂFFĖĂFĪHĂ

<sup>H</sup> ĜŖ~ã\→á^ăĂŌ{æ^↔^&ĂŌ[ \*ăæbbĖĂ Ėæ'æ↑ăăăă<sup>G</sup> ÍĖĂFĪĪĖĂĖ∅\CbĂŌáb]Ă\~ĂŌ↔ăăĂ  
 Ŗ~{æă\]ĖĖĂ

Ç^~}ÁŞá|b~^ÁŞáã-ÁÓ{á^&æ×→'á→ÁÔãæÁÓà|ã'âDÈHHÁÚãæÁÔ→ãb\AQ|\ãæãá^ÁÓà|ã'ãÁ  
 }ábÁ~ã→&→á→}J~→'á\æäÁ~^Á\ãæÁŞ~ã\→á^äÁ\*æ^↔^b|→áÁâ|\Áâ]Á\ãæÁFÏIEbÁ↔\Á  
 }ábÁá\*\*áãæ^Á\ãá\Á\ãæÁ\*ãæbæ^Ááàá'↔→\}J}ábÁ↔^áãæ@|á\æÁá^äÁ\ãá\Áæ[ \*á^b↔~^Á  
 }ábÁ↔^\*~bb→â→æÁ~^Á\ãá\Áb↔\æÈÁ Ø^ÁRá]Á~äÁFÏIJEÁ\ãæÁ^æ}ÁÔ→ãb\AQ|\ãæãá^Á  
 æä→â→'æÁ}ábÁäæä→'á\æäÁ↔^ÁS~ã\ãÁŞ~ã\→á^äÁá^äÁ}↔\ãÁ↔\Á\ãæÁ~\*\*~ã\|^↔\}Jà~ãÁ  
 &ãæá\æäÁ↔^{\rightarrow\{æ↑æ^Á↔^ÁÑ→â→æÁb\|ä]ÈÁ Ñ→â→æÈb\|ä]Á↔bÁ\ãæÁbæ'~^äÁ&ãæá\Á  
 æ↑\*ááb↔bÁ~äÁÔ→ãb\ÊÁ↔^Á\ãá\Á^~Á~\ãæãÁ'á|ã'áá↔^ÁRá↔^æÁáábÁááäÁb|'áÁáÁ~^&Á  
 á^äÁ↔→|b\ã↔|bÁãæ'~ãäÁà~ãÁb|'áÁb\|ä]ÈHIA

Û^äæãÁ\ãæÁ→æáäæãbâ→\*Á~äÁ\ãæÁ\*ãæbæ^Á\*áb\~ãÊÁÔãæ&ÁŞá&áÊÁ}á~Á\~↔~Á|\*Á  
 â→bÁãæb\*~^b→â→↔\↔æbÁ↔^ÁFÏÎGEÁ\ãæÁ'~^&æ&á\↔~^ÁááäÁááäæãÁ\}~Á~\ãæãÁä↔bÈ  
 \↔^'\↔~^bIÁà→ãb\ÊÁ áÁâ|ä&æ\Á↔^Áæ[ 'æbbÁ~äÁÁFEEÊEEÁ\*æãÁ]æãÁ}↔\ãÁ~{æãÁ  
 ÁGIEEEÁ&~↔^&Á\}áãäbÁâæ^æ{\rightarrowæ'æÊÁ á^äÁ\ãæÁ~^→]AQ|\ãæãá^Á\*ãæb'á~→^Á↔^Á\ãæÁ  
 b\á\æÈÁ Wæ\ÊÁ á→^Á~äÁ\ã→bÁä↔äÁ^~\Á'~↑æÁ}↔\ã~|\Áb~↑æÁä→äâ↔'|→\↔æbÁá~^&Á\ãæÁ  
 }á]Áá^äÁ\ã→bÁ↔bÁ\~ÁâæÁæ[ \*æ'\æäÁä|ã↔^&ÁáÁ\↔↑æÁ~äÁ\ãá^b↔\↔~^ÁábÁ\ãæÁ'~^È  
 &ãæ&á\↔~^Áb\ã→{æbÁ\~Áâæ'~↑æÁ↑~ãæÁ{\↔b→â→æÁ↔^ÁÄæ{á^&æ→b↑Áá^äÁ~|\ãæá'ãÄIA  
 NbÁŞáb\~ãÁŞá&áÁ\*|\bÁ↔\ÊÁ Ä\ãæãæÁ}ábÁáÁàææ×^&Á↔\Á}ábÁ\↔↑æÁ\~Á&æ\Á~^Á\ãæÁ  
 ↑~{æÁá&á↔^Á\~Áâæ&↔^Á\~Áãæá'áÁ~|\Á\~Á\ãæÁ'~↑^|^↔\}ÊÁ á~\ãÁ\ãã~|&áAb~'↔á→Á  
 ↑↔^↔b\ã]Áá^äÁæ{á^&æ→b↑ÈÄHIJÁ

### ŞŞǾÚQNSGEË UÚÈÁNSUÖNǾAQÛÚÔÓǾNSÁOÔÛǾOĐÁ ÇQONDÁ

Uá↔^ÁN^b&ããÊÁ Ç^á↑æäÁáà\æãÁ\ãæÁ↔^Á\ãá'æ^|\ã]ÁÔãá^↔→bÁbá↔^Á}á~Á  
 ábÁâ→bâ~\*Á~àÁÔá↑â|ã&ÊÁÔæã↑á^]ÊÁ}ábÁbæ^Á\~ÁOãã→b\↔á^↔~æÁ\ãæÁCCãæ\ãæ^bÁ↔^Á

HHÑæÁáÁÑ→æbb↔^&ÊÁÁÔ→ãb\AQ|\ãæãá^ÁÓà|ã'áÊÁŞ~ã\→á^äÊÁRá↔^æÊÁ  
 Oæ^æ^↔^á→Áâ~↔~æ\ÊÁ à~|ã\ãÁ\*á&æÁ Ç\*á&æbÁ|^|^↑âæãæDÊÁ

HIãâ→äÈÊÁ\*ÊÁ IÑÁ

HIJ~ãá→ÁÔ→b\~ã]ÊÁŞáb\~ãÁÔãæ&ÁŞá&áÊÁ Ô→ãb\AQ|\ãæãá^ÁÓà|ã'áÊÁŞ~ã\→á^äÊÁ  
 Rá↔^æÊÁÔ|→]ÁGGÊÁ FÏIJEÁ \*ÊÁ GEÁ



FEÈÁ

U´á^ä↔^á{↔áÄD<sup>H</sup> ÍÁ áääÁ↔\bÁâ&↔^↔^&Á↔^ÁFÎÎHÁ}áæ^Á↔^↑↔&ää^\bÁää~↑ÁU}æäæ^Á  
á^ääÁÆæ^↑ää~Áæb\áâ↔bâæää\áæ↔ääääæb\*æ^\↔{æÁ´~^&ää&á\↔~^bÁ↔^ÁŞ~ã\→á^ääÈÁ  
Ó^↑á^|æ~ÁQ|\áæää^Á}ábÁ\áæÁU}æä↔báÁ´~^&ää&á\↔~^Áá^ääÁUá↔^\ÁN^b&ääÁ\áæÁ  
Æá^↔bâÈÁ Ø^ÁFÎÎHÊÁ áà\æää´~^b↔ääääâ→æÁääáá\æÈÁ \áæbæÁ´~^&ää&á\↔~^bÁää´↔ääää  
\~Á↑æää&æÁ↔{æ^Á\áæÁà↔^á^↔á~Áâ|ääæ^bÁ~àÁæá^áÈÁ ÚáæÁ´~^&ää&á\↔~^Á\áæ^Á´~^È  
\↔^|æää\~Á}~âbâ↔\*Áá\ÁÓ|↑á^|æ~Á Çb↔^´æÁ↔\ÁáääÁÁ→áää&æääæä↔à↔^æDÁ}á↔↔æÁ  
´á→↔^&Á↔\bæ→ääÁÄUá↔^\ÁN^b&ääÁ↔^Áääæääæ^´æÁ\~Á\áæÁÆá^æbÈ<sup>H</sup> ÍÁ N\*\*áääæ^\→]ÊÁ  
\áæÁääæ´↔b↔~^ÁábÁ\~Á}áá\Á\áæÁà↔^á~Á^á↑æÁ}~|→ääâæÁ}ábÁ→æà\Á\~ÁâæÁääæ´↔ääää  
à~→~}↔^&Á\áæÁääæ↔^á\↔~^Á~àÁ\áæÁ^æ}Á´á|ã´áÁâ|↔↔á↔^&Á↔^ÁÕ|æÁ~àÁFÎÎNGÊÁ  
Ö↔{æ^Á\áæÁá\*~áääæ^Á\*æäb|áb↔{æ^æbbÁ~àÁ\áæÁÆá^æbÈÁá~}æ{æääÈÁ\áæÁ^á↑æÁ  
ÄUá↔^\ÁN^b&ääÁ}ábÁääæ\á↔↔æääá^ää↔^Á\áæÁ~\*↔↔~^Á~àÁŞáb\~ääSæ|Á↔↑\*~æbáá^Á  
↔^áæääæ^Áb||↑â→^&Áâ→~^↔^Á\~Á\áæÁáâ↔↔\|Á~àÁ\áæÁ´~^&ää&á\↔~^Á\~Áá\Áää´\Á  
↑æ↑âæääbÁää~↑Á↔\bÁ^~^ÈQ|\áæää^Áb|ää~|áä↔^&bÈ<sup>H</sup> ÍÁ Uá↔^\ÁN^b&ääÁ\~ää|Á↔bÁ  
áÁâ→æ^ää~àÁ}áá\Á↔bÁáá\*~æ↔^&Á↔^Á↑~ääæÁá^\↔{æÁæ\á^↔^Á´~^&ää&á\↔~^bÈÁ^á↑æ→]ÊÁ  
\*æ~\*→æÁ~àÁ^~^ÈQ|\áæää^Ááá´↔&ã~|áÁ Çæ{æ^Áb~|\áæáb\ÁNb↔áÁääæà|&ææbDÁb↔\↔^&Á  
á→~^&b↔ääÁ~àÁæb\áâ↔bâæääÁÆá^↔báÁá^ääU}æä↔báÁàá↑↔↔æbÁ}á~bæÁá&æÁ^æ´æbb↔È  
\á\æbÁ\áæ↔ääÁääæ´ääáb↔^&Á↔↑\*~ã\á^´æÁ↔^Á\áæÁ{~↔^´æÁ~àÁ\áæÁ´~^&ää&á\↔~^È<sup>U</sup> ŠÁ  
Ø^Á\áæÁä↔b´|bb↔~^Á´~^´æää↔^&Áä↔àääææ^´æbÁâæ\}ææ^Á\áæÁ\*ã~\*~bæää  
Q|\áæää^Á↑æää&æääÁ^ääR↔bb~|ã↔ÁU|^~ääÈÁŞáb\~ääSæ|Á^~\æää\áá\Á\áæÁQONÁ\*~b↔È  
\↔~^ÁáábÁâææ^Á\áæÁb´ã↔\*|ääbÁáääæÁ\áæÁ↔^b↔↔ääÁÜ~ääÁ~àÁÖ~ääÈÁ á^ää\áæÁNQOÁ  
áábÁá→}á|bÁääæ→ää\áæ\Ááääæ↔^áá→↔â→æÈÁÁ ØæÁ^~\æbÁ\áá\Á}æÁ^æää\~ÁâæÁ

HÍ~ää→ÁÖ↔b\~ã]ÊÁŞáb\~ääP↔^↔^ÁSæ|ÊÁU\ÈÁN^b&ääÁQ|\áæää^ÁOâ|ã´áÈÁ  
Ş~ã\→á^ääÁRá↔^æÈÁÖ|→]ÁGGÊÁFÎÎNÊÁ \*ÊÁ ÇÊÁ

HÎÄÖ|↔ää\*~b\Á~àÁÔá↔\áÁÁU\ÈÁN^b&ääÁQ|\áæää^ÁOâ|ã´áÈÁŞ~ã\→á^ääÈÁRá↔^æÈÁ  
Pæ{æää^áÁN→ääæääÔá^ÈÁ|^ää\æää ÇFÎÎFDÁbæ´~^ää\*á&æÁ Ç\*á&æbÁ|^|^↑âæääæÄÈÁ

HÎ~\*ÈÁÖ↔\ÈÈÁŞŞ ÁFÁá^ääÇÊÁ Á↔Øâ↔ääÈÈÁŞ ÁHÊÁ

spending more time with our congregations on (the) Confessions. . . ."

and says that "the thing that pains a lot of us is the fact that Missouri Synod is not involved in the new church . . . ."51 On a closing note, it is interesting to see that despite Saint Ansgar's conservative roots it has been open to innovation. One of the most visible signs of this willingness is the fact that Pastor Neu is a physically disabled person.

#### Rockland - Nativity Lutheran Church (LCA)

Nativity Lutheran Church in the beautiful coastal Maine town of Rockland is another of the Lutheran "boom" years congregations and was founded under the leadership of Pastor Peter DeRouter in 1963. The congregation was formally recognized in March of 1964 and managed to barely hold its own through the pastorate of Ron Wisecarver until the arrival of the Reverend George Stadler in June of 1968. Pastor Stadler served the congregation for 18 years, retiring just this past January, and during that time the congregation has grown to the point where it no longer needs mission support dollars. The present church edifice has been the only worship site since the inception of the congregation. In 1963, on Thanksgiving Day, the congregation began worshiping in the then cattle barn located on High Street. Additions, renovations, and refinements have been made to the "barn" over the years, but no attempt has been made to move to a different location.<sup>52</sup> Recognizing Pastor

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<sup>51</sup>Ibid., p. 4.

<sup>52</sup>Interview with George Stadler, August 16, 1986

U\áä→æǎCbÁá´´~↑\*→bá↑æ^\bÊÁ ÁÁ à~ǎ↑æǎÁ↑æ↑âæǎÁbá→ǎÊÁ ÄÖæCbÁ&~~ǎÁá\Áǎǎ→b↔^&Á  
 ↑~^æ]ÈÄ<sup>I</sup> ĜÁ ØÁá→b~Á←~}Áá↔↑Á\~ÁâæÁáÁ↑á^Á}á~Á→bÁǎæ{~|\Áá^ǎÁá↔&á→]Á{↔b→â→æÁ  
 áâ~|\Áá→bÁáǎ→\ǎÊÁ NbÁ~ǎÁS~{æ↑âæǎÁFĭÎĬÊ\ǎæÁ´~^&ǎæ&á\↔~^ÁáábÁâææ^Ábæǎ{æǎÁ  
 â]Á\ǎæÁĤæ{æǎæ^ǎÁĤ~âæǎ\ÄÖ|b\áàb~^ÊÁ NÁ\*~\æ^\↔á→Áb|\↑â→~^&Áâ→~^←Á\~Áá→bÁ  
 æàâæ´\↔{æÁ↑↔^↔b\ǎ]Á↔^ÁĤ~^←→á^ǎÁ↑á]ÁâæÁá→bÁ´~↑\*æ^bá\↔~^Á\*á´←á&æÊÁábÁŞáb\~ǎÁ  
 U\áä→æǎÁ\ǎ↔^←bÁ\ǎæÁ´~^&ǎæ&á\↔~^Á}~^C\ÁâæÁáâ→æÁ\~Ááàà~ǎǎÁâ↔↑ÈÄ

U~|\ǎÁŞáǎ→bÁÊ Üǎ↔^↔\]ÁQ|\ǎæǎá^ÁOǎ|ǎ´ǎÁÇQONDÁ

Üǎ↔^↔\]Á}ábÁà~|\ǎæǎÁâ]Á↔^↔↔&ǎá^\bÁáǎ~↑ÁÔ↔^→á^ǎÁ↔^ÁFĭFGÁá^ǎÁ↓↔^æǎÁ  
 \ǎæÁU|\~↑↔ÁU]^~ǎÁ↔^↑æǎ↔á\æ→]Á\ǎæǎæǎǎ\æǎÊÁ ÜǎæÁ\*ǎæbæ^\Á´ǎ|ǎ´ǎÁâ|\↔ǎ↔^&Á}ábÁ  
 äæǎ↔´á\æǎÁ↔^ÁFĭGÍÁá^ǎÁ\ǎæ^Á↑~{æǎÁ\~Á↔\bÁ\*ǎæbæ^\Á→~^á\↔~^Á↔^ÁFĭI<sub>1</sub>∈ÈÄ Ø^Ê  
 \æǎæb\↔^&→]ÊÁ ÁÁ\*ǎL\*æǎ\]Á}ábÁá\Á\ǎá\Á\↔↑æÁ~ààæǎæǎÁ\~Á\ǎæÁ´~^&ǎæ&á\↔~^Á  
 àǎææÁ~àÁ´ááǎ&æÁ~^æÊǎǎ→àÁ↑↔æÁà|ǎ\ǎæǎÁ↔^~Á\~}^ÊÁâ|\Á\ǎæÁ´~b\Á~àÁ↑~{↔^&Á  
 \ǎæÁæǎ→à↔´æÁ}~|→ǎÁáǎ{æÁâææ^Á\}↔´æÁábÁ↑|´ǎÁá^ǎÁb~Á\ǎæÁ´~^&ǎæ&á\↔~^Áǎæ´↔ǎæǎÁ  
 á&á↔^b\Á↔\È<sup>I</sup> HÁ Ü↔\ǎÁ\*ǎæbæ^\Áǎǎ]Áæ↑\*ǎáb→bÁ~^Á→~^á\↔~^ÁábÁáÁ↑á↓~ǎǎáǎ´\~ǎÁ  
 ↔^Á´ǎ|ǎ´ǎÁ&ǎ~}\ǎÊÁ~^æÁ´á^C\Ááæ→\*Áâ|\Á}~^ǎæǎÁǎ}ǎá\Á↔àLÁÁ Ü^\↔^ÁFĭÍÁ\ǎæǎæÁ  
 }ábÁáÁbæ´~^ǎÁU|\~↑↔Á´~^&ǎæ&á\↔~^Á→~^á\æǎÁFGÁ↑↔æbÁá}á]Á↔^Á\ǎæÁ\~}^Á~àÁ  
 Òáǎǎ→b~^ÊÁ Ôǎ~↑ÁFĭÍĬÁ\~ÁFĭÍĬÁ\ǎ→bÁ´~^&ǎæ&á\↔~^Á~^→]ÁáǎǎÁbæǎ{↔´æbÁ↔^Á\ǎæÁ  
 b|↑^æǎÁá^ǎÁâ]Á\ǎæÁæ^ǎÁ~àÁFĭÍĬÁáǎǎÁà|→]Áá↑á→&á↑á\æǎÁ\ǎÁ Üǎ↔^↔\]ÊÁU~|\ǎÁ  
 Şáǎ→bÈ<sup>I</sup> IÁ ÜǎæÁĤæ{æǎæ^ǎÁŞǎ↔~\*ÁÔ|→\&ǎæ^ÊÁ áǎǎ{æǎÁ↔^ÁÔ|→]Á~àÁFĭÎĬÊÁá^ǎÁ  
 }ábÁ↔^\æǎæb\æǎÁ↔^Áâæ&↔^↔^&Á\ǎæÁà↔ǎb\Áǎæ→Áæ{á^&æ→b↑Á\*ǎ~&ǎá↑Á↔^Á\ǎæÁ  
 ´ǎ|ǎ´ǎCbÁá↔b\~ǎ]ÊÁ ÒæÁbá}Á\ǎ→bÁábÁ{æǎ]Á^æ´æbǎǎ]Á&↔{æ^Á\ǎæÁ´~^&ǎæ&á\↔~^CbÁ

<sup>I</sup> Ĝ´~^{\æǎbá\↔~^Á}\ǎÁQ|ǎ→áÁR´O→|ǎæÊÁÖ|^æÁGĬÊÁFĭÎĬÁ

<sup>II</sup> ǎ^\æǎ{\æ}Á~àÁŞáb\~ǎÁŞǎ↔^ÁÔ|→\&ǎæ^ÊÁN|&|b\ÁFĭÊÁFĭÎĬÁ

<sup>III</sup> ~ǎǎ→ÁÔ↔b\~ǎ]ÊÁŞáb\~ǎÁŞǎ|→ÁN^ǎæǎb~^ÊÁÖ|→]ÁGÍÊÁFĭÎĬÊÁ\*ÊÁ<sub>1</sub>ÈÁ

F€ÍÁ

\æ^á'↔~|bÁäæb↔ãæÁ\~Áãæ\á↔^Á↔\bÁæ\á↔^Á↔b\↔^'\↔~^ÁË á^ää↔\bÁää~\*Á↔^Á  
↑æ↑âæãb↔\*È<sup>I</sup>WÁ Ú}~Á↑~^'\bÁáà\æãÁ\áæÁ↔^'\æã{↔æ}ÊÁáæÁ}ábÁä↔{~ã'æãÊÁ→æà\Á  
Úã↔^↔\]Áá^ääãæb↔&^æãÁàã~↑Á\áæÁ↑↔^↔b\ã]ÈÁ

U\~'↔~↔↑ÁË Úã↔^↔\]ÁQ|\áæãá^ÁOá|ã'áÁÇQONDÁ

Úã↔^↔\]Á~ã↔^↔^á→]Áâæ&á^ÁábÁÄÚáæÁŠb'áãÁÔãæãæ↔^↔^ÁÓ{á^&æ↔^↔^á→Á  
Q|\áæãá^ÁOá|ã'áÁ~àÁU\~'↔~↔↑ÊÁRá↔^↔æÁ↔^↔ÁFİ€<sub>W</sub> ÈÁ ÚáæÁæã→]Á]æãbÁ}æãæÁ{æã]Á  
ä↔àä↔|→\Áä↔^á^↔^á→]Áá^ääbæ{æãá→Á\*áb\~ãbÁ}~ã↔æãÁ}↔\á~|\Áãæ↑|^æãá\↔~^Áá^ää  
æ{æ^Á}áæ^Á~^æÁ}ábÁä↔^á→]Á'á→æãÁ↔^↔ÁFİ€ÎÊÁ\áæÁbá→áã]Á}ábÁ~^→]ÁÁG€€Á\*æãÁ  
]æããÊÁ Ø^\æãæb\↔^↔↔]Ê\áæÁ'~^&ãæ&á\↔~^á\|áá\Á\↔↑æÁ'~→æ'\æãÁä|æbÁ}á↔^áÁ  
á↑~|^'\æãÁ\~ÁG€€Á'æ^\bÁà~ãÁ↑æ^Áá^ääG€€Á'æ^\bÁà~ãÁ}~↑æ^Á~^ÁáÁ↑~^'\á→]Áâáb↔bÈÁ  
ÚáæÁ\*ãæbæ^\Áâ|↔↔^↔^&Á}ábÁá→ãæã]Á↔^Á\*→á'æÁâ]ÁFİ€ÍÁá^ää~^Á{áã↔~|bÁ~'áb↔~^bÁ  
\áã~|&áFİH€€\áæÁ'á|ã'áÁâábæ↑æ^\Á}ábÁ|bæãÁábÁáÁ'→ábbã~↑Áà~ãÁ\áæÁ→~^á→Á  
b'á~→Áb|b\æ↑È<sup>I</sup>ÍÁ ÚáæÁ↑~b\Áãæ'æ^\Á\*áb\~ãÁ↔^ÁU\~'↔~↔↑ÊÁ}á↔^áÁ↔bÁ~^æÁ~àÁ  
\áãææÁ'~^&ãæ&á\↔~^bÁ↑á↔^↔^&Á|\*Á\áæÁÄS~ã\áæã^ÁRá↔^↔æÁQ|\áæãá^ÁŞáã↔báÄ~àÁ\áæÁ  
QONÁÇá→~^&Á}↔\áÁSæ}ÁU}æãæ^Áá^ääOáã↔^↔~|DÁ}ábÁ\áæÁbæ{æãæ^ääOá^~^AN^ääáæÊÁ}á~Á  
'á↑æÁä↔æ'\→]Áää~↑ÁU}æãæ^ÈÁ ØæÁ↑|b\Áâæ&↔{æ^Á'ãæ↔\Áà~ãÁá↔bÁ'~^æbb↔~^á→Á  
'~^'æã^bÁ↔^Á\áæÁŞá\↔~^á→ÁQ|\áæãá^ÁOá|ã'áÁ~àÁU}æãæ^Áâæ'á|bæÁáæÁ'á↑æÁ\~ÁáÁ  
'~^&ãæ&á\↔~^Á\áá\ÁâábÁãæ→]Áááää\~Áb\ã|&↔æÁä↔^á^↔^á→]ÈÁ €|ã↔^&Á\áæÁ  
]æããbÁFİĞÍÁ\~ÁFİĞÍÁ\áæÁ'~^&ãæ&á\↔~^Á}ábÁæ{æ^Á'→~bæãÁà~ãÁ→á'←Á~àÁáÁ\*áb\~ãÁ  
á^ää\á↔bÁ→á'←Á}ábÁ\*ã↔↑áã↔]Áä|æÁ\~Á→á'←Á~àÁà|^ábÈ<sup>I</sup>ÍÁ ÚáæÁ'~^&ãæ&á\↔~^Á

<sup>I</sup>W ~ãá→ÁÔ↔b\~ã]ÊÁŞáb\~ãÁŞá↔^↔^ÁÔ|→\&ãæ^ÊÁUæ\*\æ↑âæãÁÎÊÁFİÎ<sub>WÁ</sub>

<sup>I</sup>Í<sub>I</sub>€\áAN^↔^{\æãbáã]Áää~'á|ãæÊÁŠb'áãÁÔãæãæ↔^↔^ÁÓ{á^&æ↔^↔^á→ÁQ|\áæãá^Á  
Oá|ã'áÊÁU\~'↔~↔↑ÊÁRá↔^↔æÁFİ€<sub>W</sub>ÊFİ<sub>I</sub>W ÈÁâ~|ã\áÁ\*á&æÁÇ\*á&æbÁ|^|^↑âæãæãDÈÁ

<sup>I</sup>Îää↔^↔ÈÊÁ\*ÊÁÎÊÁ

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older than any other Lutheran establishment in the state and so much better preserved to this day, that it warrants greater detail. Germans began immigrating to the Waldoboro area under the leadership of General Waldo around 1740 and began to have irregular worship services at that time. The building for worship was constructed in 1772 and also served as the town meeting hall. By 1795, the building had been moved across the Medomak River during the winter to its present location, which is several hundred feet above sea level. The first minister of the Gospel was the Reverend Philip Gottfreed Kast, who arrived in 1742 but left shortly thereafter because he believed his agreement with General Waldo had not been lived up to on the latter's part.<sup>61</sup> The first of the two great German pastors of Waldoboro was the Reverend Frederick Augustus Rudolphus Benedictus Ritz, who served from 1795 until his death in 1811. By the turn of the nineteenth century however, Lutheranism had already reached its peak in Waldoboro. The successor to Ritz was the Reverend John Wilhelm Starman, "the last of the Lutheran preachers in Waldoboro."<sup>62</sup> The Reverend Stannan served the congregation faithfully until his death in 1854. The congregation had disbanded by 1860 and sought to all their religious and spiritual needs in the Congregational church.<sup>63</sup>

61200th Anniversary Old Gennan Church and Meeting House, Waldoboro, Maine, 1772 to 1972, third page (pages unnumbered).

62rbid., sixth page (pages unnumbered)

<sup>63</sup>rbid., p. 6.



ÚáæÁb|´´ææä↔^&Áâ↔b\~ã]Á~àÁ\áæÁ\*áb\~ãá\æÁá\ÁÛá\æã{↔↔↔æÁ↔bÁ  
 b~↑æ}áá\Áàã~|&á\Á}↔↔↔\áÄä↔àè↔´|→\]ÁábÁ\áæÁæ{æãæ^äÄÕ~á^ÁQæb´~}Áãæb↔&^æäÁ  
 àã~↑Á\áæÁ↑↔↔↔b\ã]Á↔↔^ÁŠ´\~âæãÁ~àÁFÎÎÎÁá^äÁ\áæÁæ{æãæ^äÁÛáæ~ä~ãæÁÓ{æã\bx^Á  
 ãæb↔&^æäÁàã~↑Á\áæÁ´~^&ãæ&á\↔↔↔^Á↔↔^ÁÕ|^Á~àÁFÎÎÎ\_ÈÁ Şáb\~ãÁÓ{æã\bx^Á  
 á\ã↔â|\æbÁ↑|^Á~àÁ\áæÁä↔àè↔´|→\]Á↔↔^Á\áæÁ´~^&ãæ&á\↔↔↔^Á\~ÁÄáÁ&ã~}↔↔^&Á  
 bx^ááá\↔↔↔^Á↔↔^Á\æã↑bÁ~àÁ\áæÁ\*ã↔↔~ã↔↔↔↔æbÁ Ç~àÁ\áæÁ´~^&ãæ&á\↔↔↔^ÁDÁâæ\}ææ^Á  
 \*áb\~ãÁá^äÁ↑æ↑âæãbÈÄÄ ÒæÁ´~^↔↔↔|æbÁÄÛáæ]Á}æãæÁ↑~ãæÁ´~^æã^æäÁáã~|\Á\áæ↔ãÁ  
 ~}^Á↔↔^æã^á→Á^ææbÁ Ç}á↔↔↔DÁØÁbá}ÁgggÁ \áæÁ\*ã↔↔~ã↔↔↔↔æbÁ Ç~àDÁ\áæÁ↑bb↔↔^Á  
 ~àÁ\áæÁ´á|ã´áÈÄ<sup>W</sup>HÁ ÚáÁÁ´~^&ãæ&á\↔↔↔^Á↑æ↑âæãbÁ~^Á\áæÁ~\áæãÁáá^äÈÁbxæÁ\áæÁ  
 b↔|á\↔↔↔^ÁáÁâ↔↔\Áä↔àèæãæ^|→]Áá^äÁæ[ \*ãæbbæäÁ\áæ↑bx→{æbÁ\*~b↔↔↔{æ→]Á}↔↔^á  
 ãæ&ããäÁ\~Á\*æãb~^á↔↔↔↔↔æbÁá^äÁ~\*\↔↔↔b↔↔^Ááã~|\Á\áæÁà|\ãæÈ<sup>W</sup>IA Sæ{æã\áæ↔æbbÁ  
 \áæÁ´~^&ãæ&á\↔↔↔^Áãæ↑á↔↔^bÁ~^Á↑↔↔b↔↔^Áb\á|bÈÁ

Ø\Á↔bÁ↔↔^æãæb\↔↔^&Á\~Á~\æÁ\áá\Á\áæÁà~ã↑æãÁÛ↔´áãÁ↔^ÁÛá\æã{↔↔↔↔æÁá^äÁ  
 á↔bÁ}↔↔æÈÁ ÇÛá]^æÁá^äÁÓ↔↔æ^æÁU´á}á^æDÁ}æãæÁâ~\áÁá´\↔{æÁ↔^ÁäãáàÁ↑↔↔↔b\ã]Á  
 \áá^æbÁ\~Á\áæ↔ãÁ↔↔^b\ã|^↔↔↔^Á|^äæãÁ\áæÁæ{æãæ^äÁÇÈÄ Õæ~ã&æÁPáá|bÈÁà~ã↑æã→]Á  
 ~àÁææææ↑æãÁQ|\áæãá^Á~àÁÓá\*æÁÓ↔↔^áâæ\áÈÁ}á~Á↔bÁáÁ↑á↓~ãÁ↑~\↔{á\↔↔^&Ááá~\~ãÁ  
 ↔^ÁäæáàÁ↑↔↔↔b\ã]Á↔↔^Á\áæÁR↔bb~|ã↔ÁU]^~äÈÁ ÚáæÁãæb|→\ÁábÁâææ^Á´~^↔↔^|æäÁ  
 b↔&^æäÁbæã{↔↔^æbÁb↔^´æÁ\áæÁU´á}á^æCbÁäæ\*áã~|æã↔^ÁS~{æ↑âæãÁ~àÁFÎÎÎÈÁ ØÁ  
 bæã{æÁábÁ\áæÁ{á´á^´]Á\*áb\~ãÁá^äÁáá{æÁáb↔b\æãÁ↔^Á}\~ÁÓá→Á\*ã~´æbbæbÁ\~Á  
 äá\æÈÁ

<sup>W</sup>H~ãá→ÁÛ↔b\~ã]ÈÁ Şáb\~ãÁÛáæ~ä~ãæÁÓ{æã\bx^ÈÁÛá\æã{↔↔↔↔æÈÁRá↔^æÈÁ  
 Õ|→]Á\_ÈÁFÎÎÎÈÁ\*ÈÁ\_ÈÁ

<sup>W</sup>I~ãá→ÁÛ↔b\~ã]ÈÁQ|\áæãá^ÁÓá|ã´áÁ~àÁ\áæÁæb|ããæ´\↔↔^ÈÁÛá\æã{↔↔↔↔æÈÁ  
 Rá↔^æÈÁÕ|→]ÁFÎÎÈÁFÎÎÎÈÁ\*ÈÁHÈ\_ÈÁ



Úæb\âã~<ÁĚ Úã↔↔\]ÁQ|\åæãá^ÁOâ|ã´áÁ ÇNQODÁ

Úã↔↔\]Á~}æbÁ↔\bÁ↔↔\↔á→Á à~|´ä↔^&Á\áá^<bÁ\~Á\åæÁæà~ã\bÁ~àÁÔ↔ãb\Á  
Q|\åæãá^ÁOâ|ã´áÁ~àÁŞ~ã\→á^äĚÁ Úã{\↔´æbÁ}æãæÁâæ&|´Á↔^ÁFĪ í ĩÁ |´äæãÁ\åæÁ  
Þæ{æãæ^äÁSEĀ ŌĒĀ Ó→æb\áäÁá^äÁ´|→↑↔^á\æäÁ↔^ÁÄÚæÁÔ↔ãb\ÁĒá^↔báÁ  
Ó{á^&æ↔´á→ÁQ|\åæãá^ÁOâ|ã´áÁ~àÁÚæb\âã~<ĒÁ Rá↔^æĀÁ↔^ÁS~{æ↑âæãÁ~àÁFĪĪĒĒĒ  
Şáb\~ãbÁ àã~↑ÁÔ↔ãb\ÁQ|\åæãá^Á´~^↔↔|æäÁ\~Ábæã{æÁ\åæÁ´~^&ãæ&á\↔~^ĒÁ↔^Ē  
´→|ä↔^&Á\åæÁ{æ´æäáâ→æÁÞæ{æãæ^äÁU\~ã↔^Á|´↔↔^ÁFĪĪĒĒ ĩ ĩÁ ÚáæãæÁ↔bÁb~↑æÁ  
ä↔àæææ^´æÁ~àÁ~\*↔↔~^Ááâ~|\Á\åæÁà~ã↑á\↔~^Á~àÁÚã↔↔\]ÁQ|\åæãá^ĒÁÚæb\Ē  
âã~<ĒÁ↔^Á\áá\Á\åæãæÁ}ĀãæĀá\*\*áãæ^→]Āãæb↔æ^bÁàã~↑ÁSæ}Āæ^↑áã~ĒÁ Sæ}Ā  
Ñã|´b}↔´<ĒÁ}á~Á↔↑^↔&ãá\æäÁ\~ÁÚæb\âã~<Ááâ~|\Á\åæÁ\↔↑æÁ\åæÁ´~^&ãæ&á\↔~^Á  
âæ&á^Ē ĩ ĩÁ Wæ\ĒÁ\åæÁ~àà↔↔↔á→Áâ↔b\~ã]Ā~àÁÚã↔↔\]Ā~àÁFĪĪĒĒ↑á↔æbÁ^~Á  
↑æ^↔~^Á~àÁ\å↔bÁ Sæ}bÁÑã|´b}↔´<Á´~^æ^↔~^ĒĒĒ

Ñ]ĀFĪĒĒĒĒĒæã{\↔´æbÁ↔^ÁÓ^&↔báÁ}æãæÁ´~^ä|´\æäÁ\åæÁà↔ãb\Áá^äÁ\å↔äãĀ  
U|´ää]bÁ~àÁæá´áÁ↑~^↔ĒĒ ∅^ÁFĪĒĒĒĒ\åæÁ´~^&ãæ&á\↔~^Á{\~\æäÁ\~Áãæ^á↑æÁ↔\bæ→àÁ  
\åæÁÄÔ↔ãb\ÁQ|\åæãá^ÁOâ|ã´áÁ~àÁÚæb\âã~<ĒÁ Rá↔^æĒĒĒ ∅^ÁFĪĒĒ ĒĒá↑~b\Á  
æ[á´\→]Ā\~Á\åæÁäá}ĒĒ↔\Ā}ábĀ{\~\æäÁ\~Á´áá^&æÁ\åæÁ^á↑æÁá&á↔^ĒĒ Úá↔bÁ\↔↑æÁ  
\~ÁÄÚã↔↔\]ÁQ|\åæãá^ÁOâ|ã´áĒÁÚæb\âã~<ĒÁ Rá↔^æĒĒĒ ∅\Āá\*\*æäãbÁ\åæãæÁ}ábĀ  
´~^à|b↔~^Áâæ\}ææ^ÁÚã↔↔\]Āá^äÁÔ↔ãb\ÁQ|\åæãá^ÁOâ|ã´áÁ~àÁŞ~ã\→á^äĒ}\↔\åĀ  
ãæ&áããĀ\~Á\åæÁ^äã^æ ĩ ĩÁ

ÚáæÁ\*ãææ^Á\*áb\~ãĒĒ\åæÁÞæ{æãæ^äÁN→á^ĀÑãã^æbĒĒáábĀbææ^Á\åæÁ´~^&ãæĒ  
&á\↔~^Áâæ&↔^Á\~Áá\|ãá´\Ā]~|^&æäÁ↑æ↑âæãbÁáà\æäÁ↑á^]Ā]æäãbÁ~àÁäæ^↔^æĒĒ

ĩ ĩ Úã↔↔\]ÁQ|\åæãá^ÁOâ|ã´áĒĒ FĒĒĒWæáãĀN^↔{æãbáã]Āâ~<↔^ĒÁÚæb\âã~<ĒÁ  
Rá↔^æĒĒ FĪĪĒĒ\~ÁFĪĪĒĒĒ\*ĒĒ FĒĒĒ

Ī í ~ãá→ÁÔ↔b\~ã]ĒĒ Şáb\~ãĒĒá^ÁÖ↔âæã\ĒĒ Ō|→]ĀG ĒĒĒFĪĪ ĒĒĒĒĒ ĒĒĒ~àĀ  
Ñãã^æbÁŞãá→ÁÔ↔b\~ã]ĒĒ

Ī Ī~\*ĒĒĒ\ĒĒĒ\*ĒĒ FĪĒĒ

FFĜÁ

Œá^↔bâÁ´~^&ãæ&á\↔~^bÁ\æ^äæäÁ\~ÁâæÁ{æã]Á\*↔æ\↔b\↔´ÊÁæ{æ^Á\~Á\âæÁ\*~↔^Á  
~âÁ´âáb\↔b↔^&Á]~|^&Á\*æ~\*→æÁà~ãÁ&~↔^&Á\~ÁáÁ\*ã~↑Áá^äÁ\*ã~â↔â↔\↔~^bÁ  
á&á↔^b\Áb↑~↔↔^&ÊÁäã↔^↔↔^&ÊÁá^äÁb~Áà~ã\âÊÁ ÚâæÁ\*ãæbæ^Á´↔↑á\æÁ↔bÁ  
b|âb\á^↔á→]Áä↔ààæãæ^Áá^äÁ↔^´→|äæbÁ}ææ↔]Á´~ààææÁâ~|ãbÁà~→~}↔^&Á  
bæã{↔´æbÊÁ}âæãæÁ\âæãæÁâáäÁâææ^Á^~^æÊÁ´â|ã´âÁ↑ææ\↔^&bÁ↔^Á\âæÁbá^´\|áã]Á  
\~Áãæä|´æÁ\âæÁáã&|↔^&ÊÁá^äÁá^Á↔^´ãæáb↔^&Áá´´æ\*\á^´æÁ~âÁ^~^ÊŒá^↔bâÁ  
\*æ~\*→æÁ↔^~^Á\âæÁ´~^&ãæ&á\↔~^ÊŬĬÁ

---

ŬĬ~ãá→ÁÔ↔b\~ã]ÊÁĤæ{æãæ^äÁN→ÁŇáã^æbÊÁÚã↔^↔\]ÁQ|\âæãá^ÁOâ|ã´âÊÁ  
Ûæb\âã~~←ÊÁRá↔^æÊÁÔ|→]ÁĜFÊÁFĬĬŬÊÁ\*\*ÊÁĜEHEÁ

## APPENDIX F

### CONGREGATIONAL INTERVIEW QUESTIONS

'f'.his process is designed to encourage a conversation among members of long standing concerning the formation, growth and subsequent development of the local congregation, its impact upon the surrounding community, and its adherence to the assumed Scriptural and confessional statements contained in its constitution. As a way of making a typed transcript of this oral history possible, each participant will be asked initially to identify himself/herself on tape as well as to repeat their name each time they make a comment during the course of this conversation. I thank you for the opportunity to be here among you and pray the Lord will bless our efforts together!

- 1) Date, Time and Location of interview; name of interviewer
- 2) Personal identification of members present
- 3) In your estimation, how would a non-Lutheran resident of your community describe your congregation? Why?
- 4) How would you describe your congregation's goals? Are these goals being met? Why or why not?
- 5) What personal experience in the congregation is most memorable to you?
- 6) What are the greatest historical events in the life of your congregation?
- 7) What is your congregation's position on the importance of Scriptural and confessional principles? Do you agree with this position? Why?
- 8) Are you proud of your congregation? Why?
- 9) How does your congregation best promote the great commission of our Lord and Savior Jesus Christ to "Go and make disciples of all nations?"
- 10) Is there room for Lutheranism in Maine? Why do Lutherans comprise such a small percentage of Maine Christians?
- 11) How should confessional Lutheranism be furthered in Maine, if at all? Why?

FGDÁ NăæÁ\ăæăæÁá^|Á~\ăæăă'~^^^æ^\bÁ]~|Á}~|→ăÁ××æÁ\~Á↑á←æÁ'~^'æă^↔^&Á  
Q|\ăæăă^↔b↑Á↔^Á]~|ăă'~ăă↑|^↔|Á~ăă↔^Á\ăæÁU\á\æÁ~àÁRá↔^æLÁ

FĜDÁ Ûăá\Á↔bÁ]~|ăă~\*↔^↔~^Á~ăă\ă↔bÁ\*ă~'æbbÁ~àÁă↔b\~ă↔'á→Áá^ăă\*æăb~^ă→Á  
↔^@|\ă]LÁ Ò~}Á↑↔&ă\Á↔\ÁăæÁb\ăæ^&\ăæ^æăLÁ

ÚÒNSPÁWŠŮÁNSĚÁÖŠĚÁÑQÓUUÁWŠŮÍÁ ŠSÓÁNSĚÁÑQQĚÁ



ÑŦÑQŦŠŦPNŞŦŦÁ

$$\frac{U^*x' \leftrightarrow \acute{a} \rightarrow \acute{A}R\acute{a} \setminus x\acute{a} \leftrightarrow \acute{a} \rightarrow b\acute{A}\acute{O}\acute{a} \setminus \acute{a}x\acute{a}x\acute{a}\acute{A}\acute{a} \sim \acute{a}\acute{A}Q \setminus \setminus \acute{a}x\acute{a}\acute{a}^{\acute{A}}}{\frac{O \sim \wedge \acute{a}x\acute{a}\acute{a} \setminus \leftrightarrow \sim^{\acute{A}} b\acute{A}\acute{a}^{\acute{A}} \acute{A}R \leftrightarrow b b \leftrightarrow \sim^{\acute{A}} b\acute{A} \leftrightarrow \acute{A}R\acute{a} \leftrightarrow \sim^{\acute{A}} x\acute{A}}{\mathcal{C}b\acute{x} \{ \leftrightarrow b\acute{x}\acute{a}\acute{A}\acute{O}x\acute{a}\acute{a} \mid \acute{a}\acute{a} \} \acute{A} F \acute{I} E\acute{A} F \acute{I} \acute{I} \acute{D}\acute{A}}$$

$\mathcal{C}x \setminus x \mid \acute{A}$ $b\acute{x}\acute{a}\acute{E}\acute{A} \emptyset \acute{A}$	$\acute{U} \sim \setminus^{\acute{A}}$ $\sim \acute{a}\acute{A}O \leftrightarrow \setminus \mid \acute{A}$	$O \sim \wedge \acute{a}x\acute{a}\acute{a} \setminus \leftrightarrow \sim^{\acute{A}}$
GIĞĖİ€FÁ	N   â   ã <sup>Á</sup>	$\acute{O}\acute{a}\acute{a}^{\acute{A}} \acute{A}Q \setminus \setminus \acute{a}x\acute{a}\acute{a}^{\acute{A}} \acute{O}\acute{a} \mid \acute{a}^{\acute{A}} \acute{a}\acute{A}$ $F\acute{E}\acute{A} F \acute{I} G\acute{G}\acute{A} \mathcal{C} \leftrightarrow \acute{a}x^{\prime} \setminus \sim \acute{a} \mid \acute{A}$ $G\acute{E}\acute{A} F \acute{I} G\acute{F}\acute{A}Wx\acute{a}\acute{a}\acute{A}\acute{N} \sim \leftarrow \acute{A}\acute{a}^{\acute{A}} \mathcal{C} \leftrightarrow \acute{a}x^{\prime} \setminus \sim \acute{a} \mid \acute{A}$ $G\acute{E}\acute{A} I \epsilon \setminus \acute{a}\acute{A}\acute{N}^{\wedge} \leftrightarrow \{ x\acute{a}b\acute{a}\acute{a} \mid \acute{A}\acute{a}\acute{a} \sim^{\acute{A}} \acute{a} \mid \acute{a}x\acute{E}\acute{A} F \acute{I} F \acute{I} E\acute{F} \acute{I} \acute{N} \acute{I}\acute{A}$ $H\acute{E}\acute{A} F \acute{I} \acute{I} \epsilon \acute{A} (?) \mathcal{C} \leftrightarrow \acute{a}x^{\prime} \setminus \sim \acute{a} \mid \acute{A}$ $I\acute{E}\acute{A} \emptyset^{\wedge} \setminus x\acute{a} \setminus \leftrightarrow x \setminus \acute{A} \sim \acute{a}\acute{A}\acute{O}\acute{a} \& \acute{a}\acute{a}\acute{A}\acute{O}x\acute{a} \rightarrow \acute{a} \mid \acute{E}\acute{A} \acute{O}\acute{a}^{\acute{A}} \acute{E}\acute{A} F \acute{I} \acute{I} H\acute{A}$ $I\acute{J}\acute{E}\acute{A} \emptyset^{\wedge} \setminus x\acute{a} \setminus \leftrightarrow x \setminus \acute{A} \sim \acute{a}\acute{A}\acute{O} \sim b\acute{x}^* \acute{a}\acute{A}\acute{O}\acute{a} \mid \acute{a}x\acute{E}\acute{A} \acute{I} \acute{D} G H \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $I\acute{E}\acute{A} \acute{O} \acute{E} \acute{I} \acute{I} \acute{I} \acute{A} \emptyset^{\wedge} \setminus x\acute{a} \setminus \leftrightarrow x \setminus \acute{A} U \acute{a} x\acute{x} \setminus \acute{E}\acute{A} \acute{O} \acute{E} \acute{I} \acute{I} \acute{I} \acute{A} \acute{O} \sim \wedge \acute{a}x\acute{a}\acute{a} \setminus \leftrightarrow \sim^{\acute{A}} \acute{a} \rightarrow \acute{A}$ $\emptyset^{\wedge} \setminus x\acute{a} \setminus \leftrightarrow x \setminus \acute{E}\acute{A} \acute{S}\acute{a}\acute{a} \rightarrow \acute{A} \acute{O} \leftrightarrow b \setminus \sim \acute{a} \mid \acute{E}\acute{A} \acute{a}\acute{a}^{\acute{A}} \acute{U}\acute{a}\acute{a}^{\acute{A}} b^{\acute{A}} \leftrightarrow \sim^{\acute{A}} \acute{E}\acute{A}$ $F F \acute{D} F G \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$
GIĞĖİ€GÁ	N   &   b\acute{a}\acute{A}	$\acute{S}\acute{a} \leftrightarrow \sim^{\acute{A}} x\acute{A} \sim \acute{a}\acute{A} \acute{S} x\acute{a}^{\prime} \acute{A}Q \setminus \setminus \acute{a}x\acute{a}\acute{a}^{\acute{A}} \acute{O}\acute{a} \mid \acute{a}^{\acute{A}} \acute{a}\acute{A}$ $F\acute{E}\acute{A} \mathcal{C} x\acute{a} \leftrightarrow \acute{a} \setminus \leftrightarrow \sim^{\acute{A}} \acute{E}\acute{A} F F \acute{D} G H \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $G\acute{E}\acute{A} \mathcal{C} x\acute{a} \leftrightarrow \acute{a} \setminus \leftrightarrow \sim^{\acute{A}} \acute{E}\acute{A} \acute{I} \acute{D} \acute{I} \acute{D} \acute{I} \acute{I}\acute{A}$ $G\acute{E}\acute{A} \acute{O} x^{\wedge} x\acute{a}\acute{a} \rightarrow \acute{A} \sim \acute{a} \& \acute{a}^{\wedge} \leftrightarrow \acute{a} \setminus \leftrightarrow \sim^{\acute{A}} \acute{A} \sim \acute{a}\acute{A} \setminus \acute{a}x\acute{A}\acute{O}\acute{a} \mid \acute{a}^{\acute{A}} \acute{a}\acute{A}$ $O \sim \mid \sim^{\acute{A}} \leftrightarrow \acute{E}\acute{A} b\acute{x} \{ \leftrightarrow b\acute{x}\acute{a}\acute{A} H \acute{D} G \epsilon \acute{D} \acute{I} \acute{G}\acute{A}$ $H\acute{E}\acute{A} \acute{N} \mid \rightarrow \acute{a} \setminus b\acute{E}\acute{A} b\acute{x} \{ \leftrightarrow b\acute{x}\acute{a}\acute{A} \acute{I} \acute{D} F \acute{I} \acute{D} \acute{I} H\acute{A}$ $I\acute{E}\acute{A} \acute{N}^{\wedge} \mid \acute{a} \rightarrow \acute{A} R x\acute{x} \setminus \leftrightarrow \sim^{\acute{A}} \& \acute{A}\acute{a}^{\acute{A}} \acute{a}\acute{A}\acute{N}^{\wedge} \mid \acute{a} \rightarrow \acute{A} b\acute{x}^* \sim \acute{a} \setminus \acute{A} \acute{I} \acute{D} F \acute{I} \acute{D} \acute{I} H\acute{A}$ $I\acute{J}\acute{E}\acute{A} \acute{N}^{\wedge} \mid \acute{a} \rightarrow \acute{A} b\acute{x}^* \sim \acute{a} \setminus \acute{E}\acute{A} \acute{I} \acute{D} F \epsilon \acute{D} \acute{I} \acute{I}\acute{A}$ $I\acute{E}\acute{A} \acute{A} \acute{U} \acute{a} x\acute{A}\acute{O}\acute{a}^* \leftrightarrow \sim \rightarrow \acute{A} \acute{N} \acute{a} x\acute{a}\acute{A}\acute{O} \mid \leftrightarrow \acute{a} x\acute{E}\acute{A} \acute{A} P x^{\wedge} \acute{a} \hat{x} \acute{a}^{\acute{A}}$ $\acute{U}\acute{a} \rightarrow x \setminus \acute{A}\acute{O}\acute{a}\acute{a} \uparrow \acute{a} x\acute{a}\acute{A} \sim \acute{a}\acute{A}\acute{O} \sim^{\wedge} \uparrow x\acute{a}\acute{a}^{\prime} x\acute{E}\acute{A} F \acute{I} \acute{I} \acute{N} \acute{I}\acute{A}$ $\acute{I}\acute{E}\acute{A} \acute{N}^{\wedge} \mid \acute{a} \rightarrow \acute{A} b\acute{x}^* \sim \acute{a} \setminus \acute{E}\acute{A} \acute{I} \acute{D} H \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $\acute{I}\acute{E}\acute{A} \acute{O} \acute{E} \acute{I} \acute{I} \acute{I} \acute{A} \emptyset^{\wedge} \setminus x\acute{a} \setminus \leftrightarrow x \setminus \acute{A} U \acute{a} x\acute{x} \setminus \acute{E}\acute{A} \acute{S}\acute{a}\acute{a} \rightarrow \acute{A} \acute{O} \leftrightarrow b \setminus \sim \acute{a} \mid \acute{A}\acute{a}^{\acute{A}} \acute{a}\acute{A}$ $\acute{U}\acute{a}\acute{a}^{\acute{A}} b^{\acute{A}} \acute{a} \leftrightarrow \sim^{\acute{A}} \acute{E}\acute{A} F \acute{D} G \acute{I} \acute{D} \acute{I} \acute{I}\acute{A}$ $F \epsilon \acute{E}\acute{A} \acute{S}\acute{a} \& \acute{a}^{\wedge} \leftrightarrow \acute{a} \setminus \leftrightarrow \sim^{\acute{A}} \acute{a} \rightarrow \acute{A} \acute{N} \sim \leftarrow x \setminus \acute{A} \mathcal{C} \mid \sim^{\acute{A}} \acute{a}\acute{a} \setminus x\acute{a}\acute{D}\acute{A}$ $F F \acute{E}\acute{A} \mathcal{C} \leftrightarrow \acute{a} x^{\prime} \setminus \sim \acute{a} \mid \acute{A} \mathcal{C} \mid \sim^{\acute{A}} \acute{a}\acute{a} \setminus x\acute{a}\acute{A} F \acute{I} \acute{I} \acute{I} \acute{L} \acute{D}\acute{A}$ $F G \acute{E}\acute{A} O \sim^{\wedge} b \setminus \leftrightarrow \setminus \setminus \leftrightarrow \sim^{\acute{A}} \acute{A} \mathcal{C} \mid \sim^{\acute{A}} \acute{a}\acute{a} \setminus x\acute{a}\acute{A} F \acute{I} \acute{I} \acute{G} \acute{L} \acute{D}\acute{A}$
GIĞĖİ€ĜÁ	Ñá <sup>^</sup> & ~ã <sup>Á</sup>	$b\acute{x}\acute{a}x\acute{x} \uparrow x\acute{a}\acute{A}Q \setminus \setminus \acute{a}x\acute{a}\acute{a}^{\acute{A}} \acute{O}\acute{a} \mid \acute{a}^{\acute{A}} \acute{a}\acute{A}$ $F\acute{E}\acute{A} \acute{S} \sim \acute{a} \setminus \rightarrow \acute{a}^{\acute{A}} \acute{A} \acute{S}\acute{a} x\acute{b} b\acute{A} \acute{O} x\acute{a}\acute{a} \rightarrow \acute{a}\acute{A}\acute{a}\acute{a} \setminus \leftrightarrow \sim^{\acute{A}} x\acute{E}\acute{A} \acute{I} \acute{D} F \acute{G} \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $G\acute{E}\acute{A} \acute{O}\acute{a} \sim \mid \sim^{\acute{A}} \acute{a}\acute{a}\acute{a} x\acute{a} \leftrightarrow \sim^{\acute{A}} \& \acute{A}\acute{N} \mid \rightarrow x \setminus \leftrightarrow \sim^{\acute{A}} \acute{E}\acute{A} \acute{I} \acute{D} F \acute{I} \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $G\acute{E}\acute{A} \acute{S} \sim \acute{a} \setminus \rightarrow \acute{a}^{\acute{A}} \acute{A} \acute{S}\acute{a} x\acute{b} b\acute{A} \acute{O} x\acute{a}\acute{a} \rightarrow \acute{a}\acute{A}\acute{a}\acute{a} \setminus \leftrightarrow \sim^{\acute{A}} x\acute{A} \acute{I} \acute{D} F \acute{I} \acute{D} \acute{I} \acute{N} \acute{I}\acute{A}$ $H\acute{E}\acute{A} \acute{A}\acute{O} \sim \acute{A} \acute{U} \leftrightarrow \setminus \acute{a}\acute{A}\acute{O}\acute{a}\acute{a} \leftrightarrow b \setminus \acute{E}\acute{A} \acute{O}\acute{a} \sim \setminus \acute{A} \acute{U} \leftrightarrow \setminus \acute{a}\acute{A}\acute{O}\acute{a}\acute{a} \leftrightarrow b \setminus \acute{A}\acute{A}$ $\acute{a} \sim \leftarrow x \setminus \acute{E}\acute{A} F \acute{I} \acute{I} \acute{I}\acute{A}$

# FFĪĀ

GIĖĖĪĖĠĀ      Nā^&~āĀ

Ɔăăă↑ăăĀQ|\ăăă^ĀOă|ă'ăĀÇO~^|\ăăDĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ GDFĪĐNĪĀ  
 ĪĒĀ Ąăă↔'ă\↔~^ĀN|→ă\↔^ĒĀ ĪĐFĐNĪĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ ĪĐFĐNĪĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ FĐFĐFĐNĪĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ FĐGĐĐNĪĀ  
 FĒĒĀ Ɔăăă↑ăăĀŌ^ă~ă↑ă\↔~^ĀUăăă\ĒĀ FĪĪĪĀ  
 FFĒĀ ŌĒĪĪĪĀŌ^{\ăă{\ă}ĀUăăă\ĒĀ Ŗăă→ĀŌ↔b\~ă\ĒĀă^ăĀ  
 Ūăă^b'ă↔\*\ĒĀ ĪĐGĪĐĪĪĀ  
 FGĒĀ QONĀŪ~ă→ăĀUăă↔ăbĀĀŌ|ă~\*ăĒĀĀFFĐĪĪĀ  
 FGĒĀ Ŗă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ ĀFĪĪĪĀ  
 FHĒĀ ĠĪ\ăĀN^↔{\ăăăă\Ā~ăĀŌ↔ăb\ĀUăă{\ă'ăĀ  
 N|→ă\↔^ĒĀ GDFĪĐNĪĀ

GIĖĖĪĖĠĀ      Nă|^b}↔'Ā

Ō~~ăĀUăă\*ăăăĀQ|\ăăă^ĀOă|ă'ăĀ  
 FĒĒĀ Ō~^b\↔\|\↔~^ĀÇ|^ăă\ăăDĀ  
 ĠĒĀ FĪĪNĀN|ăăă\Ā  
 ĠĒĀ ŌĒĪĪĪĀŌ^{\ăă{\ă}ĀUăăă\Āă^ăĀŖăă→ĀŌ↔b\~ă\Ā  
 Ç↔ă|ă↔ă→ăDĀ ĪĐGĪĐĪĪĀ

GIĖĖĪĖĠĀ      Ōă\*ăĀŌ~↔~ăăă\ăĀ

Ɔăăă↑ăăĀQ|\ăăă^ĀOă|ă'ăĀ  
 FĒĒĀ Ō~ăăăb\*~^ăă^'ăĀă↔ăĒĀ FĪNĒFĪĪĪĀ  
 ĠĒĀ Ōă|ă'ăĀ↑↔~|\ăăăă^ăĀăă^ăăăĒĀ FĪNĠĠĪĪĪĀ  
 ĠĒĀ Ōă|ă'ăĀă|ăăă\ăĒĀ FĪNĠĠĪĪĪĀ  
 HĒĀ Ī\ăĀN^↔{\ăăăă\ĀŌ↔b\~ă\ĀÇ|^ăă\ăăĠGĐNĪĪDĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀăă\↔~ăĒĀ ĪĐFĐNĪĀ  
 ĪĒĀ Ōă~|^ăăăăă↔~^ĀN|→ă\↔^ĒĀ ĪĐFĐNĪĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀăă\↔~ăĒĀ ĪĐFĐNĪĪĀ  
 ĪĒĀ ŌŌ~ĀŪ↔\ăĀŌăă↔b\ĒĀ Ōă~\ĀŪ↔\ăĀŌăă↔b\ĀĀ  
 â~~↔ă\ĒĀ FĪNĪĀ  
 ĪĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ GDFĪĐNĪĀ  
 FĒĒĀ Ąăă↔'ă\↔~^ĀN|→ă\↔^ĒĀ ĪĐFĐNĪĀ  
 FFĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ ĪĐFĐNĪĀ  
 FGĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ FĐFĐFĐNĪĀ  
 FGĒĀ Ŗ~ă\→ă^ăĀŖăăbbĀŌăăă→ăĒĀ FĐGĐĐNĪĀ  
 FHĒĀ Ɔăăă↑ăăĀŌ^ă~ă↑ă\↔~^ĀUăăă\ĒĀ FĪĪĪĀ  
 FĪĒĀ Ŗăă→ĀŌ↔b\~ă\Āă^ăĀŪăă^b'ă↔\*\ĒĀ ĪĐFĐĐNĪĀ  
 FĪĒĀ Ō~\*~\*~^Āăă↔ăĒĀ FĪĪĪĪĪĀ  
 FĪĒĀ QŌĒRŪĀŖ\*ă^ĀŌ~|ăăăăă~^bĀă^ăĀŌ~ăăă^ă\~ăăĀ  
 ĠĒĀ \*ăăăăDĀ FĐGĐĐNĪĀ  
 FĪĒĀ Ōăăă\ăăăŖ~ă\→ă^ăĀŌ{\ă^ăă~^ă→ĀR↔~^b\ăăăĀ  
 Ōă~}ăă~^ĀÇĒĀ \*ăăăăDĀ GĐGĐĪĪĀ  
 FĪĒĀ Ō↔b\~ă~^ă→ĀQă\ăăă\ăă\ă^Āă\Āăăă\Ā\*ăă\~ăĒĀ  
 Ōăă^ĀN|^ĒĀ GĐĐNĪĪĀ

GIĖĖĪĖĠĀ      Ōăă↔ă~|Ā

Ōă↔\ăĀQ|\ăăă^ĀOă|ă'ăĀ  
 FĒĒĀ Ŗ~b\Ā'ăăăĀ~ăĀ\ăăă^ă|ă'ăĒĀ FĪĠĠĀ  
 ĠĒĀ Ōă↔\ăĀăă~^ă|ăăăÇ|^ăă\ăăĒFĪĠĠĪĪĪĀ  
 ĠĒĀ Ōă↔\ăĀN^↔|ă→ĀRăă\↔~^ĒĀ GĐGĐNĪĀ  
 HĒĀ Ōă↔\ăĀŌ~^b\↔\|\↔~^ĒĀăăăă\↔{\ăăGĐNĪĪĀ  
 ĪĒĀ Ŗăă→ĀŌ↔b\~ă\ĒĀ Ūăă^b'ă↔\*\ĒĀăăă^ăăă\ăă{\ă}Ā  
 Ūăăă\ĒĀ ĪĐGĪĐĪĪĀ

## FFTÁ

GIĞÈÎ€ÍÁ      €á↑áã↔b'~\\áÁ

Ūā\æā~āāQ↔æāQ|\āæā^ĀR↔↔b\ā]Ā  
 FĒĀ FĪĪHĒĀ FĪĪĒĀ FĪĪĀN^↗|ā→ĀĬ\*~ā\Ĭā↔↔→|āæā  
 }↔|āĀSā↔↔^æā~āĀSæā^æāQ|\āæā^ĀOā|ā^āĒĀ  
 N|&|b|āĀ  
 ĜĒĀ ŌĒĪĪĪĪ∅^|æā{↔↔}ĀUāæ\ĒĀ Šāā→ĀŌ↔b\~ā]ĒĀ  
 ā^āĀŪāā^b^ā↔↔^ĒĀ ĪDGIJĪNĀ  
 ĜĒĀ Sæ|b→æ\|æāĀ ĪDĪNĀ

GIGÈÎ€ÎÁ Ó→→b}~ã\ãÁ

U\ĒAN^āāæ}ĀQ|\āæāā^ĀOā|ā^āĀ  
 FĒA Sæ|bĀĪæ→æābæĒĀ Ō|^æĀFĪĪJĀ  
 ĠĒA Šāā→ĀŌ↔b\~ā|ĒĀ Ø^æā{↔æ}ĀUāææ\ĒĀ á^āĀ  
 Ūāā^b^ā↔\*|ĒĀ ĪDGĪĪJĀ  
 ĠĒA Ņā~^ā|āæĀ Ć|^āā\æāĒFĪĪĠLDĀ  
 HĒĀ ĀNĀSæ|ĀOā|ā^āĀ↔bĀŅ~ā^ĀĀ^æ}b^ā^æāĀ^→\*\*↔^&Ā  
 FFDGĪĪHĀ  
 ĪĒA Sæ|b^ā^æāĀ^→\*\*↔^&ĀĀŌ|\|āæĀŅ|↔ā↔^&ĀU↔æĀĀ  
 ĪJĪĪJĀ  
 ĪĒĀ Ņ|→æ\↔^ĀĪDGĪĪJĀ  
 ĪĒA FĪĪJĀN|ā&æ\ĒĀ ĪDGĪĪJĀ

GIĞÈÎ€ŦÁ Ôá→↑~|\\åÁ

[illegible]

GİĞÈÎF€Á Ôáã↑↔^&amp;\~^Á

R~\^|\^Ã~\^|æÃQ|\^æää^ÁR↔↔b|ã|Ã  
 FFA Ø\^|æã|↔æ|Ã~ääRää|\^↔^ÃÔæä~ä|ÊÁ ÍÐFÐÎÎÃ  
 GFA Ø\^|æã|↔æ|Ã~ääS~^áÂU\*ääÊÁ FGDGFÐÎÎÃ  
 GFA Ø\^|æã|↔æ|Ã~ääSáb|~ääÑã|'|æRæ|æÊÁ Šã↔↔^æÃ  
 ~ääSæä^æÃQ|\^æää^ÃÔã|ã|^æÊÃ|&|b|^æÊÁ FÐGÎÐÎÃ

GIĞÈÎFFÁ Pæ^^æâ | ^←Á

0~>|ÁOã~bbÁQ|\\ãæää^ÁOà|ǎ'áÁ  
 FEA 0~>|ÁOã~bbÁQ|\\ãæää^ÁOà|ǎ'áÁO~^b\\<|\\<~^ÊÁ  
 FIIIA  
 GEA N^^|á→Ábæ\*~ǎ|Áà~ǎÁFIIIA  
 GEA ÒÊIIIAØ^\\æå{→æ|ÁUáæ\\ÊÁŠåá→ÁǞ→b\\~ǎ|ÊÁá~ǎǎ  
 Úáá~^b'ǎ↔\*|ÊÁ ÍPFIPIIIA

GIĞÊÎFGÁ Sæ}ÁU}æäæ^Á

0|b|ääÄNä~→\*ääQ|\äää^ÄÖä|ä´ää  
 FEÄ Nã~`ä|ääÄä^|↔\→æäÄÄÖ|b|ääÄNä~→\*ääÖ{ä´E  
 &æ↔→ä´ÄQ|\äää^ÄÖä|ä´ääI€\ÄN^↔{æäbää]Ä  
 FÎIFEFIJFÄÄ  
 GEÄ Nã~`ä|ääÄÄ ÄSæ}ÄU}æäæ^ÄÖæ^|æ^↔ä´ÄÖæ→æäääE  
 \↔~^ÄÄÖ|→]ÄGGEGJÄÄ FÎI€ÄÄ  
 GEÄ Nã~`ä|ääÄÄ ÄSæ}ÄU}æäæ^ÄÖæ^|æ^↔ä´ÄÄÖ|→]ÄGGE  
 GJÄÄ FÎI€ÄÄ  
 HEÄ N~↔→æ\ÄÄ ÄF€ÄÄWæääbÄ↔^ÄSæ}ÄU}æäæ^Ä  
 FÎI€EFÎI€ÄÄ



# FGĖÁ

GIĖĖİFGÁ Sæ}ÁU}æäæ^Á

Ö|b\áàÁNä~→\*áAQ|\æäá^ÁOà|ä´áÁÇ´~^|æäDÁ  
 İĖÁ N~↔æ\ĖÁĀÖ|b\áàÁNä~→\*áAQ{á^&æ↔´á→Ā  
 Q|\æäá^ÁOà|ä´áÁFĖĖ\áAN^↔{æäbáā]ĀFİİFĖFİİFĀĀ  
 İĖĖ Ş~b\Á´áääĀ~ā\æĀ´á|ä´áĖĖ FİİĖĖ  
 İĖĖ Nă~´á|æĖĖĖ CCÜæ→´~↑æĀ\~ĀÖ|b\áàÁNä~→\*áĀ  
 Q|\æäá^ÁOà|ä´áĖĖ Ç|´áä\æäĖFİİĖĖLDĀ  
 İĖĖ Ė↔ææ´~ā]ĖĖ FİİĖĖ  
 İĖĖ N~↔æ\ĖĖĖĖ~ā\æäĖ^ĖRá↔^æĖQ|\æäá^ĖŞáā↔bāĖĖĖ  
 FİİĖĖ  
 FĖĖĖ N^|á→ĖRææ\↔^&ĖĖ FİİĖĖ  
 FFĖĖ O~ääæb\*~^ææ´æĖää~↑ĖRābĖĖĖ Ø↔æ^æĖR↔\´ææ→ĖĖ  
 à~^æäŞáb\~āCbĖ}↔æĖĖ İĖFĖĖİĖĖ  
 FGĖĖ R↔āb\↑↑æäĖĖ]ĖŞā~&äá↑ĖĖ İĖGGĖİĖĖ  
 FGĖĖ N|→æ↔^ĖĖ İĖGİĖİĖĖ  
 FHĖĖ ÖĖİİİĖO~^&ææá\↔~^á→ĖĖ\æä{↔æ}ĖĖŞāā→Ė  
 Ö↔b\~ā]ĖĖá^āĖĖā^b´ā↔\*ĖĖ İĖGİĖİĖĖ  
 FIĖĖ O~^b\↔\|↔~^Ė~āĖ|b\áàÁNä~→\*áĖÇ|´áä\æäDĖ  
 FIĖĖ Nă~´á|æĖĖĖ CCÜæ→´~↑æĖ\~Ė\æĖĖ~ā\æäĖ^ĖRá↔^æĖ  
 Q|\æäá^ĖŞáā↔bāĖĖ Ç|´áä\æäDĖ  
 FİĖĖ CCÜæ→´~↑æĖ\~ĖSæ}ÁU}æäæ^CCĖĖ~´á|æĖĖÇ|´áä\æäDĖ

GIĖĖİFGĖ S~ā\áĖU↔^āāá↑Ė

Ôā↔\áAQ|\æäá^ÁOà|ä´áĖ  
 FĖĖ Ôā↔\áĖO~^b\↔\|↔~^ĖÇ|´áä\æäĖFİİĖĖLDĀ  
 ĖĖĖ N^|á→ĖĖĖ~ā\ĖĖ FİİĖĖ  
 ĖĖ Qæ\æäĖāāĖĖĖ~āĖĖ~āĖĖ~āĖÇ↔^æä↔↑Ė\*āb\~āDĖ  
 ĖĖGİĖİĖĖ  
 HEĖ ÖĖİİİĖO~^æä{↔æ}ĖUāææ\ĖĖŞāā→ĖÖ↔b\~ā]ĖĖā^āĖ  
 Ūāā^b´ā↔\*ĖĖ İĖFİĖİĖĖ

GIĖĖİFHĖ Ş~ā\→á^āĖ

Năă|\↔à|→ĖUā{↔~āAQ|\æäá^ÁOà|ä´áĖ  
 FĖĖ N|→æ↔^ĖĖ\↔\æäĖĖĖĖÖ↔b\~ā]Ė~āĖŪŌQUĖR↔bb↔~^Ė  
 Ū~ā↔^ĖĖĖĖĖĖĖĖĖĖĖĖ\↔à|→ĖUā{↔~āAQ|\æäá^Ė  
 Oà|ä´áĖĖĖİĖİĖİĖ  
 ĖĖ Uăă{↔^æĖ~āĖĖ↔^á\↔~^ĖĖ İĖİĖİĖİĖ  
 ĖĖ O~^&ææá\↔~^á→ĖU|ā{æ}ĖĖ İĖİĖİĖ  
 HEĖ ÖĖİİİĖO~^æä{↔æ}ĖUāææ\ĖĖŞāā→ĖÖ↔b\~ā]ĖĖā^āĖ  
 Ūāā^b´ā↔\*ĖĖ İĖFİĖİĖİĖ

GIĖĖİFIĖ Ş~ā\→á^āĖ

O~^↑|↔\]Ė~āĖ\æĖAQ↔{↔^&ĖŞāæbæ´æĖ  
 FĖĖ Ė\CbĖĖĖ]Ė\~ĖÖ↔æĖŞ~{æä\]ĖĖŞ~ā\→á^ĖĖRá↔^æĖĖ  
 Ó{æ↔^&ĖĖ[ \*ææbbĖĖ FGĖGİĖİĖİĖ  
 ĖĖ Ø^æä{↔æ}Ė~āĖĖāā~æĖĖU↔\bĖĖ FĖFFĖİĖİĖ

GIĖĖİFWĖ Ş~ā\→á^āĖ

Ô↔āb\AQ|\æäá^ÁOà|ä´áĖ  
 FĖĖ Ş~ā\→á^āĖŞāæbbĖĖĖĖĖĖĖĖĖĖĖ\AQ|\æäá^bĖ\~Ė  
 N|↔æĖĖ|ä´áĖ~^ĖN|ā|ä´ĖU\ææ\ĖĖŞ~ā\→á^ĖĖĖĖ  
 ĖİĖİĖİĖĖ \*á&æĖ→áĖ  
 ĖĖ Ş~ā\→á^āĖŞāæbbĖĖĖĖĖĖĖĖĖĖĖĖĖĖ\AQ|\æäá^ÁOà|ä´áĖ  
 U~āĖĖŞā~\~Ė~āĖĖ~^æäĖĖĖĖ\AQ|\æäá^ÁOà|ä´áĖĖĖ  
 Ş~ā\→á^ĖĖQā\æĖĖĖĖĖĖĖĖĖĖĖĖ{á\↔~^ĖN^]Ė  
 Oāā\*æ→ĖĖĖĖFİĖİĖİĖĖ \*á&æĖFĖĖ

GIGĖÎFIJÁ      Ş~ã\→á^ää

Ô→ãb\AQ|\åää^ÁOà|ã´ääÇO~^↔^|æäDÁ  
 ĞĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ĀŞãæ\*ääã\↔~^bÁ  
 Óá{æĀNææ^ĀÔ→^á↔~æääà~ãĀ\åĀOæ^æ^↔→Ā  
 ~àĀ\åĀĀÔ→ãb\AQ|\åää^ÁOà|ã´ää~àĀŞ~ã\→á^äĖĀ  
 İDGĖĐİĖĖĀ \*á&æĀĞĖĀ  
 HĖĀ Oæ^æ^↔→ĀN~↔~æ\ĖĀ FÎİHEFİİHÁ  
 İĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ĀÔ→ãb\AQ|\åää^Á  
 Oà|ã´ääÔ→ãbAQ↔{↔^&ĀN´´~↑~ää\↔~^bĀÔ~ãĀ  
 Ôá↑↔}Ā~àĀUæ{æ^ĀŪ→æ^á↑æbæĀĤæà|&æbĖĖĀ  
 İDFĐİİĖĀ \*á&æĀFİİĀ İDGĖĐİİĖĀ \*á&æĀFĖĀ FHĀ  
 İĖĀ Ş~ã\→á^ääÔ{æ^↔^&ĀÓ[ \*ãæbbĖĀ ĀR~ãĀŪáá^ĀNĀ  
 Ç~æ^ĀOà|ã´æbĀ~àĀŪáã↔~|bĀÇæ~↑↔^á\↔~^bĀ g g g Ā  
 Òá{æĀNæ æ^ĀŪáã&æ\bĀ~àĀĀŪ\*ää|ĖŞá↔^↔^&Ā  
 U\*ãææĖĖĀ İDFİĐİĖĖĀ \*á&æĀFĀ  
 İĖĀ Ş~ã\→á^ääÔ{æ^↔^&ĀÓ[ \*ãæbbĖĀ ĀÔ→{æĀŞ~ã\→á^ää  
 Oà|ã´æbĀ g g g Ā ŪææĀŪá^ää↔~æää g g g Ā ÇJHJCEĀ  
 ÇNĀâ|↔~^ÇĀ}ææĀŪ\*ää|ĖŞá↔^æää~^Ā\åĀ  
 N|↔→ä↔^&bĀ g g g Ā ĖĀ İĐİĐİĖĖĀ \*á&æĀFĖĀ FGĀ  
 İĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ĀÔ→à\ææ^ĀOà|ã´æbĀ  
 ↔^ĀŞ~ã\→á^ää g g g Ā ŪææĀÇæää æää g g g Ā Ū→\åĀ  
 U\*ää|ĖŞá↔^æĀŪ|↑â→bĀ~àĀŪá\á^Ā g g g Ā ĖĀ  
**8/9/83, \*á&æĀFĖĀ İJĀ**  
 İĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ŪŪ~ĀRæ^ĀŪææĀ  
 NĀãæb\æĀĀWæb\æääā|Ā↔^ĀO~^æ^↔~^Ā|↔\åĀ  
 Ūá^ää↔~↔^&ĀOà|ã´æbĀ↔^ĀŪáãæĀO~|^\↔æbĀā|Ā  
 U\*ää|ĖŞá↔^↔^&ĀŪá\á↔^ĀŪ|↑â→bĀ~^ĀŪæ↑ĖĖĀ  
 İDFĖĐİĖĖĀ \*á&æĀFĖĀ FGĀ  
 FĖĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ĀÇæ^↔bĀÔã↔æ^Ā g g g Ā  
 Ūæ→bĀŪā|ĀðæĀO~^↑↔\æĀŪŪ~bĀĀN´\bĀā^Ā  
 Ūá↔bĀNĀ~|ĀÔ→bĀNæ↔æää\åĀ\ĀC\åĀæ^Āā↔bĀ  
 ^æääĖĖĀ İDFİĐİĖĖĀ  
 FĖĖĀ Qæ\æĀĀää~↑ĀŌãæ&ĀŞá&ĖĀ HÐHÐİJĀ  
 FĖĖĀ ÔĖİİİĀØ^æā{↔æ}ĀŪææ\ĖĀ Şăă→ĀÔ→b\~ã|ĖĀ á^Ā  
 Ūăă^b´ã↔~ĖĀ İDGĖĐİJĀ  
 FĖĖĀ FİİJĀN|ă&æ\Ā  
 FHĖĀ O~^b\↔\|↔~^Ā Ç|^ää\æäDÁ  
 FİĖĀ ĀNæĀNĀN~æbb↔^&ĀĀOæ^æ^↔→Āâ~↔~æ\Ā  
 FÎİHEFİİHÁ  
 FJĖĀ Ş~ã\→á^ääÔ{æ^↔^&ĀÓ[ \*ãæbbĀĀÇæ^↔bĀÔã↔æ^Ā . . .  
 á^äĖĖ^á→äĖĀQā&ābbæĀ g g g Ā ŪææĀNĀăă↔~æää g g g Ā  
 On Oăăă&æbĀ~àĀN&ăă{á\æĀĀŌã↔^↔^á→ĀR↔b´ă↔æāĀ  
 à~ăĖĖăă↔^&ĀOà|ã´æbĀ g g g Ā ĖĀ İDFJĐİĖĖĀ  
 \*á&æbĀFĀă^ĀFGĀ  
 FİĖĀ FĖDFĖĐİHÁŞ~ã\→á^ääŞãæbbÁðæää→äĖĀ ĀÔ→ãb\Ā  
 Q|\åää^ĀŞ→ā|ă~|^äĖĖĀ \*á&æĀFİĀ

GIGĖÎFIÁ      Ş~ã\→á^ää

U\ĖĀN^b&ăăĀQ|\åää^ÁOà|ã´ää  
 FĖĀ Ş~ã\→á^ääŞãæbbÁðæää→äĖĀ ŪŪ\ĖĀN^b&ăăĀ  
 Q|\åää^ÁOà|ã´ääŪ↔→ĀÔ→ăĀăĀŪ\*æ^↔→ĀO~b↔^&Ā  
 Uæā{↔^æĀŪ~↑~ăă~}Ā↔^Ā\åĀĀŞ→ăĀŪ\ĖĀN^b&ăăĀ  
 Ó{á^&æ↔~á→ĀQ|\åää^ÁOà|ã´ää~ĀRā|~ĀŪ\ăææ\ĖĖĀ  
 FFDFĖĐİHÁ



[illegible]

## FGHÁ

GIĜÊÎGGÁ      Ûá\æã{↔→→æÁ

[illegible]

GIĞÈÎGĞÁ      Ùæb\âã~~←Á

Úǎ↔↔\|ÁQ|\ǎǎǎ^ÁOǎ|ǎ^ǎǎ  
 FĖĀ 0~^b\↔\|\↔~^Áǎ^ǎǎN]→ǎ]bĖĀǎǎ\ǎǎFĪĪJFĀ  
 ĞĖĀ Úǎǎǎǎǎǎ↔ǎǎǎǎǎ^|ǎǎǎǎ↔↔^ǎ^ǎǎǎbǎ~ǎǎ\ǎǎǎ  
 ↔\ǎǎ↔~ǎǎ~ǎǎ\ǎǎǎ^ǎ|ǎ^ǎĖĀ FĪĪFĀ  
 ĞĖĀ N~↔~↔ǎĖĀ CCÚǎ↔↔\|ÁQ|\ǎǎǎǎ^ÁOǎ|ǎ^ǎǎFĪĪĜĖ  
 FĪĪGĖ FĖĖǎǎǎǎǎǎ~ǎǎO~ǎǎǎǎ]bǎǎ  
 HĖĀ ÕĖĪĪĪǎǎ\ǎǎ{↔ǎ]ǎÚǎǎǎ\ĖĀ Šǎǎ→ǎO↔b\~ǎ]ĖĀǎ^ǎǎ  
 Úǎǎ^b^ǎ↔\*\ĖĀ Īǎǎǎǎǎǎ  
 ĪĖĀ Ø\ǎǎ{↔ǎ]ǎ~ǎǎǎǎǎ^ǎǎǎǎ↔b\↔ǎ^bǎ^ĖĀ Īǎǎǎǎǎǎ

GIĞÈÎGHÁ

Šãæb↔æã^\ÁRãã\↔^ÁÆ↔æ^b\ÊÁ ßæ\↔ãääÁÁSæ}Á  
 Ó^&↔á^ääÁÆ↔b\ã↔^\ÊÁ QOËRUÁ  
 FFA ÒËÎÎIÁØ^|\æã{↔æ}ÁUáææ\ÊÁ Šãá↔ÁÒ↔b\~ã]Áá^ää  
 Úáá^b^ã↔\*\ÊÁ F↔DFHĐÎIÁ

GIĞÈÎGIÁ

N̄b̄a~\*<sup>^</sup>ĀŌĒ Ōāā~→āĀŌā<sup>^</sup>b̄a<sup>^</sup>ĒĀ Ōáb\æā<sup>^</sup>Ā↔b\ā↔<sup>^</sup>\ĒĀ  
 N↑æā↔<sup>^</sup>á<sup>^</sup>ĀŌ\|āæā<sup>^</sup>ĀŌā\|ā<sup>^</sup>āĀ  
 FĒĀ ŌĒĪĪĪĀŌ<sup>^</sup>\æā{↔æ}ĀŪāææ\ĒĀ Šāā→ĀŌ↔b\~ā\Āā<sup>^</sup>āā  
 Ūāā<sup>^</sup>b<sup>^</sup>ā↔\*<sup>^</sup>\ĒĀ FĒFĒGĒĪĪĀ

GIĞÈÎGIJÁ

ſ~ā\→ā'āĀNāāĀQ|\āāā'ĀUāā{\↔}æbĀ ÇŞNQUĐĀ  
 FĒĀ R↔|\æbĀ~āĀŞNQUĀØ'~ā\*~āā\~ābĒĀ HÐGHDÎĤĀ  
 ĞĒĀ FÎÎĤĀŪāāb|\āāĀCbĀĬĀ\*~ā\Ā  
 ĞĒĀ Nā~ā|\āāĀĀŞ'āā'ĀŪ↔æ}Āā\ĀÔā→↑~|\āĀĀ  
 Ç|\āā\āāĒFÐFÎÎĬĤĀ  
 HĒĀ ĀŞ'āā'ĀŪ↔æ}ĒĀāĀ'~^|\↔|\↔&Ā'āāĀ'~|\↑|\↔\ĬĀ  
 ↔'ĀÔā→↑~|\āĒĀRā↔æĒĀT|\æb\↔~^bĀā^āĀ^b}æābĀĀ  
 Ç|\āā\āāĒFÐFÎÎĬĤĀ  
 ÎĒĀ ŞNQUĀÔ\āā'āĀQ~ā'ĀÔ↔ā'↔&ĀU\↑ØĒāĀĬĀ  
 FÐĞĒÎĀ Ĭ\*\*ĒĀ  
 ÎĒĀ Ş~ā\→ā'āĀŞāābbĀÔāā~āĒĀ HÐGIDÎÎĒĀ ĀÔā→↑~|\āĀ  
 Ĭā\↔āā↑ā'\ĀŪ↔→ā&ĀN\*\*ā~{\āāĀĀ  
 ÎĒĀ Rā↑~ĬĀ ĀŞā~&āābbĀ'\Āāā\āĀā'^āĀÔ\|\āāĀU'āāā→āĀ  
 ~āĀŞā~↓ā'\ĒĀĀIDĞÎĬÎĀ  
 ÎĒĀ R↔^|\æbĀ~āĀŞNQUĀØ'~ā\*~āā\~ābĒĀ IDĞÎĬÎĀ  
 ÎĒĀ Ô→~|\ĀÔāāā\Ā~āĀŞNQUĒĀ IDĞĒÎĀ  
 FĒĒĀ FÎÎĬĀŪāāb|\āāĀCbĀĬĀ\*~ā\Ā  
 FĒĒĀ R↔|\æbĀ~āĀŞNQUĀØ'~ā\*~āā\~ābĒĀ ĞÐGIDÎĤĀ  
 FĞĒĀ Sæ\Ĭā\āāĒĒĀŞ'āā'ĀŪ↔æ}Āā\ĀÔā→↑~|\āĒĀ  
 ĬÐFIDÎĬĀ

# FGIÁ

GIGÈÎGMÁ

Ş~ã\→á^ãÄNãääÁQ|\åæää^ÁUæã{↔æbÁ ÇŞNQUDÁ  
Ç'~^|\↔^|æäDÁ  
FGËÁ Ş'æá^ÁÛ↔æ}Áá\ÁÔá→↑~|\åÊÁÔää^ääŞ\*æ^↔^&Á  
Ş\*æ^ÁÔ~|bæÊÁ FÐFFÐÎÁ  
FHEÁ ŞNQUDÁÑã~'á|åæÁÇ|^ää\æäEGËFÎÎÍLDÁ

GIGÈÎGÍÁ

N→ãÄNbb~'↔á\↔~^Áà~ãÁQ|\åæää^bÁ ONNQDÁ  
Ñãá^'ääAHUÎ€ÊÁ Ç'~↑\*á↔b↔^&Áá→Á~ää\åæÁU\á\æÁ  
~àÁRá↔^æDÁ  
FEÁ O~↑\*→æ\æÁà↔æÁ~ääSæ}b→æ\æãbÊÁ FÎÍGËFÎÎJÁ  
GEÁ O~↑\*→æ\æÁbæ\Á~ää↑↔^|\æbÊÁ FÎÍ€ËFÎÎJÁ  
GEÁ Ñ→|æ\*á↔^Á~ääÁIE€€€Á\*→á|&ã~|^ää\*ã~↓æ'\Á  
á\ÁÔ↔ab\AQ|\åæää^ÁOà|ã'ääÊÁIÐFIDÎJÁ

GIGÈÎGÎÁ

Q|\åæää^ÁOää\*→á↔^'↔æbÁ↔^ÁRá↔^æÁ  
FEÁ Ø^|\æã{↔æ}Á~ääS~ää↑á^ÁÑ|↑â|ÊÁ QOËRUÁOää\*→á↔^Á  
ää\ÁRæã'|ÁÔ~b\*↔(á→ÊÁŞ~ã\→á^ääÊÁRá↔^æÊÁ  
IÐFIDÎJÁ

GIGÈÎGÍÁ

U\*æ'↔á→ÁQ|\åæää^Á R↔^↔b\ã↔æbÁ↔^ÁRá↔^æÁ  
FEÁ ØËÎÎÍÁØ^|\æã{↔æ}ÁUåææ\ÊÁŞää→ÁÔ↔b\~ã|Áá^ää  
Úää^b'ã↔^Á~ääŞáb\~ääÚåæ~ääæÁO{æã\æb^Á  
ÇOPRDÊÁR|b↔^↔á^Á↔^Ábæb↔ääæ'æÁà~ää\åæÁ  
Sæ}ÁÔ^&→á^ääÁ↔b\ã↔^Á~ääAQ|\åæää^ÁOà|ã'ää  
R↔bb~|ã↔ÁU|^~ääÊÁ IDIDÎJÁ

Ş|â→båæääÁÛ~ã~bÁ

Nää↑bÊÁ Ôää↑æbÁÚã|b~~}ÊÁ ÚåæÁO\*↔^Á~ääN↑æã↔^áÊÁ Sæ}ÁW~ã~ÍÁÚã↔á^&→æÁ  
Ñ~~↔bÊÁ FÎGFEÁ

Nä~æãÊÁR~ã\↔↑æãÁÔËÊÁ Ôã↔\~ãË↔^ËOã↔æàÊÁ ÚåæÁN^'á→bÁ~ääN↑æã↔^áÊÁ  
Oã↔^á&~ÍÁ Ô^'|'→~\*æã↔áÁÑã↔(á^↔^'ääÊÁ Ø'ÊÁ FÎÎJEA

N→æ^ÊÁ Þæ{ÊÁ U\æ\*æ^Áá^ääÞæ{ÊÁ ÛÊÁ ÔÊÁ Ş↔→bâ|ã|ÊÁ Ô↔b\~ã|Á~ääRæ\ã~ääb↑Á  
↔^ÁRá↔^æÊÁ FÎÍGËFÎÎJEA N|&|b|áÍÁ ŞääbbÁ~ääOääã→æbÁOÊÁ SáábÊÁ FÎÎJEA

N↑æã↔^á^ÁÔ↔b\~ã↔^á→ÁU~'↔æ\|ÊÁ Rá↔^æÍÁNÁÔ↔b\~ã|ÊÁ Oæ^|\æ^'↔á→Áæã↔\↔~^ÊÁ  
Sæ}ÁW~ã~ÍÁ FÎFÎÊÁ

Ñá'~^ÊÁ Qæ~^äääÊÁ Ôæ^æb↔bÁ~ää\åæÁSæ}ÁÔ^&→á^ääOà|ã'ääbÊÁ Ôää\*æãÊÁ FÎÍHEÁ

Ñá^&~ääÇã↔|ÁSæ|bÊÁ Ôæää|ää|ÁÊÁ FÎÍÊÁ ÄR~ääÁ\*æ~\*→æÁ~ääÁ}æ→ääääæÊÁÁ

Ñää^æbÊÁN→æã\ÁÔËÊÁ æã↔\~ãÊÁ Ôääã\æääŞ~ã\→á^ääOæ→æääã\↔~^ÁGIEÊÁ Ş~ã\→á^ää  
RÓÍÁ Ôá^'æ\|ÁÑ~~↔bÊÁ FÎÍHEÁ

Ñ→|↑ÊÁ Ô~å^ÁRÊÊÁ Ñã|'æÁOá\\~^ÊÁ Ôää↑|^ääUEÁ R~ää&á^ÊÁÑã|ã|ääRÊÁ U'á→æb↔^æãÊÁ  
Pæ^'æ\åÁRÊÁ U\á↑\*ÊÁ á^ääÁOÊÁ Úå^'ÁÛ~~ã|ääääÊÁ ÚåæÁSá\↔~^á→ÁO|\*æãË  
↔æ^'æÊÁ Sæ}ÁW~ã~ÍÁ Ôää'~|ã\ÊÁ Ñää'æÊÁ á^ääÛ~ã~ääÊÁ Ø'ÊÁ FÎÎJEA

"Bohlman, Nafzger present papers to Ecumenical Conference."  
Lutheran Church-Missouri Synod, Reporter 13 (Feb.  
9, 1987):2.

Bokenkotter, Thomas. A Concise History of the Catholic Church.  
Revised edition. Garden City: Image Books, 1979.

Boorstin, Daniel J. The Americans; The Colonial Experience.  
A Caravelle edition. New York: Vintage Books, A Division  
of Random House, 1958.

Bretscher, Paul G. After the Purifying, The Thirty-Second Year-  
Book of the Lutheran Education Association. River Forest,  
IL, 1975.

Brusic, Lucy. "Lehmann Addresses Annual Meeting," Journal  
of the New England Lutheran Historical Society 4 (Spring  
1986):13-14.

Burrage, Henry S. History of the Baptists of Maine. Portland:  
Marks Printing House, 1904.

Clark, Calvin M. History of the Congregational Churches in Maine.  
2 vols. Portland: Congregational Christian Conference of  
Maine, 1935.

Community Needs Assessment Update, April.1986, A Tool for  
Community Problem Solving. United Way, Inc., n.p., n.d.

Crosspoint. Maine Council of Churches Newsletter. Vol. 1, no. 1,  
(1987?).

Evangelisch-Lutherische Kirche. Die Bekenntnisschriften, 6.,  
durchgesehene Auflage. Goettingen: Vandenhoeck and  
Ruprecht, 1967.

Exploring Maine. Maine Publicity Bureau, Inc. Hallowell, 1986.

Fenn, Vergilius. "The Lutheran Church in America." In The  
American Church of the Protestant Heritage. New York:  
Philosophical Library, 1953. pp. 25-50.

Gallup, George and David Poling. The Search for America's Faith.  
Nashville: Abingdon, 1980.

Gay, Maude Clark. "David Holtzopple, Builder. In Historic Churches  
and Homes of Maine. Maine Writers Research Club. Portland,  
ME: Falmouth Book House, 1937. Pp. 50-54.

# FGÍĚĂ

Ôă→æbâ]ĚĂ ŠĚĂ Ĥæ→&↔~|bĂ~ăĂŌăă↔b\↔ă^ĚĂ Ūăă^b→ă\æăĂă]ĂŌ→ăăæ^'æĂ  
 ŌĚĂ Ōăă→bæ^ĚĂR↔^'æă\*~→bĬĂ N|&bâ|ă&ĚĂ Ūæ{æ^'ăăŠă↔^'↔^&ĚĂ FĬHĚĂ

Ôă\ 'ăĚĂ Q~|↔bĂŌ→^'\~^ĚĂ ŌăĚĂ Ră↔^æĬĂNĂŌ↔b\~ă]ĚĂ Năăă^b↔↑↔→æĂ~ăĂ\ăăĂ  
 FĬFĬĂăă↔\↔~^Ă}\↔\ăĂ^æ}Ă↔^'\ăă|'\↔~^Ăă^ăăă↔ă↔~&ăă\*ă]Ăă]Ă  
 Ū↔→→ă↑ĂĚĂ Ō~ăăă^ĚĂ ŌăĚĂ Ū~↑æăb}~ă\ăĬĂ Sæ}ĂŌă↑\*bă↔ăăĂŠ|ă→băĚ  
 ↔^&ĂŌ~ĚĂ FĬĬĚĂ

Ōæăăă\ĚĂ Ĥ↔^'ăăăăĂĚĂ ĄĤæ→&↔~|bĂĤæ{æ→\*↑æ^'ĚĂ Ōăă\*\æăĂĜĂ~ăĂR~ăă↑Ă  
 Ră↔^æĚĂ Sæ}ĂW~ă<ĬĂ Qæ}↔bĂŌ↔b\~ă↔^'ă→ĂŠ|ă→bă↔^&ĂŌ~ĚĂ FĬĬĚĂ  
 Š\*ĚĚĜĚĜĚĂ

Ōæ↔↔↔^æ^ĚĂ Ōă^~ăĂŪĚĂ ŪăăĂŪ\~ă]Ă~ăĂ\ăăĂŪ~\↑F↔ĂŪ]^~ăĬĂ ŪăăĂŌ↔^↔băĂ  
 Ō{ă^&æ→^'ă→ĂQ|\ăăăă^ĂŌă|ă^'ăă~ăăN↑æă↔^'ăĚĂ FĬĬĚFĬĬĚĂ  
 Ōæ↔↔↔^æ^ĚĂ Sæ}ĂW~ă<ĂR↔↔bĚĂRŠĚĂ FĬĬĚĂ

Ō↔b\~ă↔^'ă→ĂĤæ^~ăăbĂŪ|ă{x]ĂĤ↔{↔b↔~^Ă~ăăŠă~ăăb↔~^'ă→Ăă^ăăĂŪăă{↔^æă  
 Šă~↓æ^'bĬĂŪ~ă<bĂŠă~↓æ^'bĂNă↑↔^↔b\ăă\↔~^ĚĂ Ĥ↔ăă^~ă]Ă~ăă  
 Ōă|ă^'ăăbĂă^ăăĤæ→&↔~|bĂŠă&ă^'ă↔^'ă↔~^bĂ↔^'ĂRă↔^æĚĂ Š~ă\~ă^ăĚĂ  
 Ră↔^æĂŌ↔b\~ă↔^'ă→ĂĤæ^~ăăbĂŪ|ă{x]ĂŠă~↓æ^'ĚĂ FĬĤĚĂ

Ō~æăăăăĚĂ Ĥ~ăăă\ĂŌĚĂ Ō~ăă^'æĂĤĂ Ō\↑↑æ→ĚĂ Ūă→\æăĂĤĚĂ Ĥ~ăăăbĚĂă^ăăĤăă^Ă  
 ŠĚĂ Ūæ^'ăăĚĂ Ō~^'~ăă↔ăăĂŪæ→ăĚŪ\|ă]ĂN↔ă→æĚĂ Sæ}ĂŌ^'ăă^'ă↔~^'ă→Ă  
 Ūăăb↔~^ĚĂ Ū\ĚĂ Q~|↔bĬĂ Ō~^'~ăă↔ăăŠ|ă→bă↔^&ĂŌ~|băĚĂ FĬĬĚĂ

Ō~ăăă^ĚĂ Ū↔→→ă↑ĚĂ Ō↔b\~ă/Ă~ăĂŪ\*|ă}\↔^<ĂŌă|ă^'ăĚĂ Ō↔\]Ă~ăăŌă\*æă  
 Ō→~ăăæ\ăĚĂRŌĚĂ FĬĬĚĂ

Ō~|ă^'ă→ĂŪă↔ă|^æĂ~ăăN↔ăăăă~ăăĚĂ N|&b\ĂĜĚĂ FĬĬĚĂĂQ|\ăăăă^bĬĂŌ→æăăă  
 ↑æă&ăă{~\æĚĂ\*ĚĂ ĬĂ

Qă~|ăă\æĚĂĤæ^'æ\ăăŪ~\ĚĂ NĂŌ↔b\~ă]Ă~ăă\ăăĂŌ[\*ă^b↔~^Ă~ăăŌăă↔b\↔ă^↔]ĚĂ  
 Ū~→ĚĂ ĤĬĂ ŪăăĂŌăăă\ĂŌæ^'|ă]ĬĂ↔^ĂŌ|ă~\*æăă^ăă\ăăĂŪ^↔\æăĂŪ\ă\æbĂ~ăă  
 N↑æă↔^'ăĚĂ FĬĚFĬFĬĚĂ Sæ}ĂW~ă<ĬĂ Ōăă\*æăĚĂ FĬĤĚĂ

Ū~→ĚĂ ĬĬĂ Nă↔\↔băĂS~ă\ăăN↑æă↔^'ăĚĂ Ĥ~↑ă^ĂŌă\ă~→^'bĬĂŠă~\æb\ă^'bĚĂ  
 FĬĤĚĂ

Ōăă↔b\↔ă^↔\]Ă↔^ĂăĂĤæ{~→|\↔~^ăă]ĂN&æĚĂ Ū~→ĚĂ ĬĬĂ ŪăăĂŪ}æ^'\æ\ăă  
 Ōæ^'|ă]Ă~|b↔ăăĂŌ|ă~\*æĚĂ ĤĤŪăăŌ~↑\*→æ[Ă↑|→\↔ă~^'Ăăă~ăăă~ăă  
 Ōăă↔b\↔ă^↔\]Ă↔^'Ă\ăăĂŪ^↔\æăĂŪ\ă\æbĂ~ăăN↑æă↔^'ăĚĂ Sæ}ĂW~ă<ĬĂ  
 Ōăă\*æăăă^ăăĤ~}ĚĂ FĬĤĚĂ

Q| 'æ]ĚĂ Ū↔→→ă↑ĂQæ~ĚĂ ŪĚŌĚĂ ŪăăĂŌă\ă~→^'ĂŌă|ă^'ăă↔^'ĂRă↔^æĚĂ Ōăă^'æb\~}^Ă  
 ŠŌĚĂ Răăbăă→ĂŌ~^æbĚĂ FĬĬĚĂ

ĚĂQ|ă↔[ĚĂ Ĥăă→ĚĂ ĂŌăă↑ă^ĂŌăă↑↔ăăă\↔~^ĂŌăă^'\↔ă^'ă↔~^'ĂŠă\*æăbĚĂ Ō~|ă^'ă→Ă  
 ~ăă\ăăĂSæ}ĂŌ^&→ă^ăăQ|\ăăăă^ĂŌ↔b\~ă↔^'ă→ĂŪ~↔^'ĬĂĜĂĤŪ\*ă↔^&Ă  
 FĬĬĬĂ FĜĚFĚĂ



FGIÁ

Q|\åæãä^ÅÖä|ã´äËR⇔bb~|ã⇔ÄU]^~ãÈÄ {pæ\*~ã\Ä~ãÄ\ãæÄNä{⇔b~ã\ÄÖ~↑^⇔\\ææÄ  
~^ÄÇ~\ã~^æÄä~äÄÖ~^~⇔××ã\⇔~^EÄ U\Ä Q~|⇔bÄÖ~^~ãä~äÄ\$|ã~×bäË  
⇔^&ÄÖ|bæÄÄ FIIIEÄ

Ráã→~}æĒĀŌæ~ã&æĀŌää^↔bĒĀ Ōā|ã^'æbĀ~āĀS→āĀSæ|ĀŌ&→á^āĪĀŪæ↔āĀNā^ā↔Ē  
\æ'|ãæĀā^āĀŪæ↔āĀNā^ā↔æ'\bĒĀŪæ↔āĀSáb~ābĀā^āĀŪæ↔āĀ  
Sæ~\*→æĒĀ Ø→~|b|āā|æĀ|↔|āĀSā~|~&Ā\*ābĀĀ|ĀŪā^ā|æ→ĀŌāāĪāæā→á↔^ĒĀ  
Sæ|ĀŪ~ā~ĪĀRā ↑↔→ā^ĀŌ~↑\*ā^|ĒĀFĪHĪĒĀ

Rá|æãÊÂN→ääæäÊÄ H€ÁÕáääæÁÓ|ã~\*áæ↔b'âæãÁP|→\|ãËÖæ↑æ↔^b'ááà\Á↔^Á  
 Ûæâæâb↔\_ã\æ^AFI€€EFI€€EA R|^↔^âIAÖã^b|ÄPæ↔^ááää\ÄÜæã→ã&ÊÄ  
 FIIIEÄ

[illegible]
$$\begin{array}{l} R\alpha | \alpha \tilde{a} \tilde{E} \tilde{A} O \tilde{a} \tilde{a} \rightarrow \tilde{A} S., \tilde{E} O \tilde{a} \rightarrow \sim \tilde{a} \tilde{E} \tilde{A} \quad R \sim \{ \tilde{A} \tilde{A} \quad O \tilde{a} \sim \wedge \} \rightarrow \alpha \tilde{a} \tilde{b} \tilde{I} \tilde{A} \quad \tilde{P} \alpha \tilde{a} \tilde{a} \rightarrow \wedge \& \tilde{b} \tilde{A} \rightarrow \wedge \tilde{A} \backslash \tilde{a} \alpha \tilde{A} O \rightarrow \tilde{b} \backslash \sim \tilde{a} \tilde{I} \tilde{A} \\ \sim \tilde{a} \tilde{A} \backslash \tilde{a} \alpha \tilde{A} O \backslash \tilde{a} \alpha \tilde{a} \tilde{a} \tilde{A} O \tilde{a} \quad \tilde{a} \tilde{A} \tilde{E} R \rightarrow \tilde{b} \tilde{b} \sim \quad \tilde{a} \rightarrow \tilde{A} U \backslash \sim \tilde{a} \tilde{E} \tilde{A} \quad U \backslash \tilde{E} \tilde{A} Q \sim \rightarrow \tilde{b} \tilde{I} \tilde{A} O \sim \wedge \sim \tilde{a} \tilde{a} \rightarrow \tilde{a} \tilde{A} \\ \S \quad \tilde{a} \rightarrow \tilde{b} \tilde{a} \rightarrow \wedge \& \tilde{A} O \sim \quad \tilde{b} \alpha \tilde{E} \tilde{A} \tilde{F} \tilde{I} \tilde{I} \tilde{J} \tilde{E} \tilde{A} \end{array}$$

R~ã&á^ÊÁÓäää| ^äÄÜÊÄ ÜäæÄŞ| ä↔| á^ÄÇ↔↔æ~↑áÌÄThe Ü\~ã]Á~àÄÖ~ä^ÄÜ↔^\\ää~\*ÊÄ  
Öä↔| æÄÄÄ]ÄŞb äääÖÄ^ä↔^ÊÄ N~b|~^IAQ↔\\↔æEANã~}^ABAO~ÊÊÄFIIÊÄ

Sæ→b~^ÊĀŌ→àà~ääÊĀŪæ~ă~ăĀŌĒĀ Ūá\*\*æā\ÊĀŌĒĀ Ōæ~ă&æĀN^ăăăb~^ÊĀĀ|&|b\Ā  
ĒĒĀ Ū|æ→à~\ĒĀŌ|&æ^æĀŌĒĀ Ōæ{\~ăĒĀă^ăĀŌăăĀŪĒĀ Ræ|băăĒĀ ŪăăĀ  
Ō||ăăăă^bĀ↔ĀS~ă\ĀĀN↑ăă↔ăĒĀ Şă↔ăăă~^ăăĀĪĀ Ō~ă\ăăăbĒĀ**rev.** FîîĒĒĀ

S→→ÊÁRãã~ÁÑÊÁ Sá |ãã^ÁçÊÁ Ôã |`ãÊÁÔã~ã&ãÁRÊÁ Rããbã^ÊÁÇã |{÷ãÁÔÊÁ Ûã→bÊÁ  
á^ãÁÔ~ã^ÁÇÊÁ Û~ããã÷ã&ãÊÁ Ôããã↑ã^ÇbÁÔã^ãã~÷ã^Á |~ÁÔãã÷b |÷ã^÷ |]Á  
÷ã^ÁÑ↑ãã÷ã^ãÊÁ Ôãã^ãÁbã^\*÷ãbIÁ Û→÷ã↑ÁÑÊÁ Ôããã↑ã^ÇbÁ\$ |ã÷bã÷ã^÷ã^Á  
Ôã^\*ã^]ÊÁFIIÊÁ

$\S \mathfrak{x} \times \mathfrak{a}^{\mathfrak{E} \mathfrak{A} \mathfrak{O} \mathfrak{a} \mathfrak{a} \sim \mathfrak{b} \rightarrow \mathfrak{a} \{ \mathfrak{E} \mathfrak{A} \ \mathfrak{U} \mathfrak{a} \mathfrak{a} \mathfrak{O} \mathfrak{a} \mathfrak{a} \leftrightarrow \mathfrak{b} \} \leftrightarrow \mathfrak{a}^{\mathfrak{A} \mathfrak{O}^{\mathfrak{A}} \backslash \mathfrak{x} \rightarrow \mathfrak{x}^{\mathfrak{A}} \backslash \mathfrak{a} \rightarrow \mathfrak{E} \mathfrak{A} \ \mathfrak{U} \sim \mathfrak{E} \mathfrak{A} \ \mathfrak{F} \mathfrak{H} \mathfrak{I} \mathfrak{A} \ \mathfrak{p} \mathfrak{x} \times \mathfrak{g} \leftrightarrow \sim \mathfrak{b} \mathfrak{A}}$   
 $\frac{\mathfrak{S} \mathfrak{x} \mathfrak{a} \mathfrak{b} * \mathfrak{x}^{\mathfrak{A}} \backslash \leftrightarrow \mathfrak{x} \mathfrak{b} \mathfrak{E} \mathfrak{A} \ \mathfrak{O} \mathfrak{a} \leftrightarrow \mathfrak{x} \mathfrak{a} \mathfrak{A} \mathfrak{A} \backslash \mathfrak{A} \mathfrak{P} \backslash \mathfrak{a} \mathfrak{A} \mathfrak{S} \mathfrak{a}^{\mathfrak{A}} \mathfrak{a} \mathfrak{A} \mathfrak{N}^{\mathfrak{A}} \mathfrak{b} \mathfrak{a} \mathfrak{x}^{\mathfrak{A}} \mathfrak{E} \mathfrak{A} \ \mathfrak{S} \mathfrak{a} \} \mathfrak{A} \mathfrak{W} \sim \mathfrak{a} \leftarrow \mathfrak{I} \mathfrak{A}}{\mathfrak{O} \mathfrak{a} \mathfrak{a}^{\mathfrak{A}} * \mathfrak{a} \mathfrak{A} \mathfrak{A}^{\mathfrak{A}} \mathfrak{a} \mathfrak{A} \mathfrak{P} \sim \mathfrak{E} \mathfrak{A} \ \mathfrak{F} \mathfrak{I} \mathfrak{N} \mathfrak{I} \mathfrak{E} \mathfrak{A}}$

$$\S \rightarrow x^* \text{æ} \hat{\text{E}} \hat{\text{A}} \hat{\text{O}} \hat{\text{a}} \hat{\text{a}}' \leftrightarrow b \hat{\text{E}} \hat{\text{A}} \hat{\text{O}} \hat{\text{a}} \hat{\text{a}} \leftrightarrow b \setminus \hat{\text{a}}^{\wedge} \hat{\text{A}} \hat{\text{C}} \sim \& \uparrow \hat{\text{a}}^{\wedge} \setminus \hat{\text{a}}' b \hat{\text{E}} \hat{\text{A}} \quad \text{H}\hat{\text{A}} \{ \leadsto \mid \uparrow \text{æ} b \hat{\text{E}} \hat{\text{A}} \quad \text{U} \setminus \hat{\text{E}} \hat{\text{A}} \text{Q} \setminus \leftrightarrow b \hat{\text{I}} \hat{\text{A}} \\ \text{O} \sim \hat{\text{a}}^{\wedge} \sim \hat{\text{a}} \hat{\text{a}} \leftrightarrow \hat{\text{a}} \hat{\text{A}} \hat{\text{S}} \mid \hat{\text{a}} \rightarrow b \hat{\text{a}} \leftrightarrow \hat{\text{a}}^{\wedge} \& \hat{\text{A}} \hat{\text{O}} \sim \mid b \hat{\text{a}} \hat{\text{E}} \hat{\text{A}} \text{F} \text{I} \text{I} \text{E} \hat{\text{E}} \hat{\text{A}}$$

Ş~ã\→ã^äÄÖ{æ^↔^&ÁÓ[\*æbbÈÄ Öã^|ää]ÁĜĚ FĬJFĚÄĂŞ^→]ÁHFĂĂ~àÁRá↔^æÁ  
\*æ~\*→æĀâæ~^&Ā\~ĀĀă|ă^ áæbĚĂĂ\*ĚĚ ĜĚĚ

S~ã\→á^äÄSääbbAÖæää-äEÄ Öá' ää|ÄTFA FTHGEÄ ÄU|ä{æ|Ä~äÄS~ã\→ä^äÄ  
Oä|ä~äæbA↔ä↔ á\æbA\ääÄ'|\\↔&Ä~äÄ^~Eäæb↔æx'\↔ä→Ää|x→Ä  
ää|\↔~bÄ|\↔→Ä~\Ääääæ'\Ä\æx↑|~äÄábA~b\Äää{xÄ'^~{Ää\æäÄ  
\~Ä'^~ä→EÄÄ\*FÄ GHEÄ

Š'~\~âãÁĖĖĖ FĪNGĖĖ ÄÖå|ă'ăĂÖă↔^bÁŮ~ăăĂ↔^ĂÖæ^\|ă]ÊĂĂ  
\*ĚĚ ĹĚĚ ĨăĚĚ

Cæ' æ↑âæãÄÎÊÄ FÎÏĜËÄ ÄQ~´á→ÄOâ|ã´âæbÄ↑~{æÄ´\~Ä´~^bæã{æÄæ^æã&|Ä  
 â|Ä´\|ã´↔^&Äâ~}´Ä´âæÄ´|âæ^^~b|ä´bÄä´äÄãæä|´↔^ÄÄÄ´\↔{↔↔æbÄ  
 }↔|â↔^Ä´|âæÄOâ|ã´äÊÄÄ\*ÊÄ HÊÄ

Ş~ã\→á^äÄŞãbbÁÖæää→äÈÄ´~^\\ÈÄ.

Ş´\~âæãÁGIEÁ FİİĞÈÄ ÄRá↔^æäÄææ^äbÄÑ↔â→æÄäæ{↔b↔~^ÈÄÄ

N\*ã↔Á FİİNEÁ CCÜâææ{æäÄ↔äÄÖ~äÄÖ~ÁÚ~LÄ

N|&|b\ÁĞĖÈÄ FİİNEÄ ÄQ|\åæä^Áäæ→æ&á\æbÄä\*\*ã~{æÄ↑æä&æäÈÄÄ

Uæ\*\æ↑âæäÄNEÄ FİİNEÄ ÄÖá→æ→|↓áäÄ~äÄ↑æä&æäÄ~äÄQ|\åæä^bÈÄÄ

Öá^|áä|ÁGHÈÄ FİİIEÄ CCÜâÄÜ~ã→äÄÄ´´~ää↔^&Ä\~Äb\|Ä\Ä ä→~~\*æäbÈÄÄ

Ş~ã\→á^äÄU\↑äá|ÁÚæ→æ&äá↑ÈÄ Uæ\*\æ↑âæäÄFİÈÄ FİIEÄ ÄŞ~b\↑áb\æCbÄ  
Şáb\↔↑æÈÄ Şä~\~&äá\*äæÄ~äÄÖä|ä´äæbÈÄÄ\*ÈÄ FGäÈÄ

Şäæ|bÈÄP~âæä\ÁĖÄ ÜâæÄÜæ~→~&|Ä~äÄŞ~b\ËPæä~ä↑á\↔~^ÄQ|\åæä^↔b↑ÈÄ  
 Ü~→ÈÄ FİÄ ÄÄU\|ä|Ä~äÄÜæ~→~&↔^ä→ÄŞä~→æ&~↑æ^äÈÄÄ  
 Ü~→ÈÄ GIÄ ÄÖ~äÄä^äÄÖ↔bÄÖäæä\↔~^ÈÄÄU\ÈQ~|↔bİÄÖ~^´~ää↔äÄ  
 Ş|ä↔bä↔^&ÄÖ~|bæÈÄ FİİĖFİIEÄ

S|ä↔´á\↔~^Ä~äÄ\åæÄN↑æä↔´á^ÄÖæ|↔bÄÄÖ↔b\~ä↔´á→ÄU~´æ\|ÈÄS|↑âæäÄFÈÄ  
ÄN^ÄN^|Ää~äÄ^á\|ää↔~^&Äb|´äÄä~äæ↔^Ä\*ä~\æb\ä^|bÄä^äÄ  
~\æäbÄ\åææ↔^Ä↑æ^|↔~^æäÈÄ äbÄäæÄbæ\|→æäÄ~äÄbäá→Äbæ\|→æÄ  
↔^Ää^|Ä~äÄÖ↔bÄRá↓æb\|CbÄ´~→~^↔æbÄ↔^ÄN↑æä↔´áÈÄÄ Uæ´~^äÄ  
Öä↔~^ÈÄ FİIEÄ Ş\*ÈÄ İHÈİÄ

Pæ\*~ä\Ä~^ÄN↑æä↔´á^ÄÜä→|æbÄ↔^Ä\åæÄ CİĖbİÄ ÜâæÄØİä´\Ä~äÄNæ↔æÈÄ N|Ä  
O~^´æ´\↔~^|ÄR\|ä→ÄQ↔äæÈÄ Öää\ä~ääÈÄ FA FÈÄ

U´ä↑↔äÈÄÖæ↔ä↔´äÈÄ ÜâæÄĖ~\ä↔^ä→Üæ~→~&|Ä~äÄ\åæÄÖ{ä^&æ↔´á→ÄQ|\åæä^Ä  
Oä|ä´äÈÄ Üää^b→ä\æäÄÄ|ÄÖäää→æbÄNEÄ Öä|Ää^äÄÖæ^ä|ÄÖÈÄ Öä´~äbÈÄ Ä  
Üä↔ääÄÖä↔~^ÈÄ äæ{↔bæäÈÄ R↔^´æä\*~↔bİÄN|&bä|ä&ÄŞ|ä↔bä↔^&Ä  
Ö~|bæÈÄ FİIEÄ

U´ää↔{æäÈÄÖä}äääÄŞÈÄ Ö~ÄÖäæİÄ ÜâæÄN^|↔b→ä{æä|ÄØ↑\*|→bæÄ↔^ÄRá↔^æÈÄ  
FİĞĖFİIEÄ Ü´↔{æäb↔|Ä~äÄRá↔^æÄU\|ä|ÄS|↑âæäÄFÈÄ NÄ^&~äİÄ  
Ü´↔{æäb↔|Ä~äÄRá↔^æÄŞãbbÈÄ FİIEÄ

U´ä|]→æäÈÄÖæ^ä|ÈÄ ÄN\*~b\→æÄ~äÄ\åæÄNæ^ä↔ÈÄÄ ÜâæÄÖä\ä~↔^ÄÖ↔b\~ä↔´á→Ä  
Pæ{↔æ}ÈÄ FÄÇFİFEDİÄ FİİĖFİIEÄ

U↑↔\äÈÄRää↔~^ÄÖä´@|æbÈÄ NÄÖ↔b\~ä|Ä~äÄRá↔^æİÄ Öä~↑ÄÜ↔äæä^æbbÄ\~Ä  
U\ä\æä~äÈÄ Öäæ\*~ä\ÈÄRÖİÄ ÜâæÄN~^äÄÜææ→}ä↔&ä\ÄÖ~↑^ä^|ÈÄ  
Uæ´~^äÄŞä↔^|↔~^&ÈÄ FİIEÄ

U\ää→ÈÄ Öáb\*æäÄÖä´~äÈÄ Ö↔b\~ä|Ä~äÄŞ→äÄNä~ääÄNä|Ää^äÄÜä→ä~ä~ä~ÈÄ  
GAÜ~→ÈÄ Öæ^´ä^ÄŞä~\æb\ä^|ÄU~´↔æ\|Ä~äÄÜä→ä~ä~ä~ÈÄRá↔^æÈÄ  
Ş~ä\→á^äİÄ N~^äÄÜææ→}ä↔&ä\ÄÖ~ÈÈÄ FİIEÄ

U}æ\ÈÄÜ↔~↔^ä↑ÄÜääæ^ÈÄ ÜâæÄU\~ä|Ä~äÄPæ↔&↔~^bÄ↔^ÄN↑æä↔´áÈÄ Sæ}ÄW~ä~İÄ  
Öää\*æäÄä^äÄNä~\äæäbÄŞ|ä↔bäæäbÈÄ FİĞĖÈÄ

Tappert, Theodore G., translator and editor. The Book of Concord.  
Philadelphia: Fortress Press, 1959.

Threinen, Nomaan J. A sower Went Out: A History of the Manitoba  
and Saskatchewan District of the Lutheran Church-Canada  
(Missouri Synod). Regina: Manitoba and Saskatchewan  
District, 1982.

United States Government Publishing House. First Census of the  
United States: Heads of -Families - Maine, 1790. Also  
consulted the census for 1870, 1880, 1920, 1950, 1960,  
1970 and 1980.

Ward, Hiley H. Religion 201 A.D. ; Who or What Will be God?, New  
York: Doubleday and Co., Inc., 1975.

Wedda, John. New England Worships; 1100 Drawings of Churches  
and Temples with Accompanying Text. New York: Random  
House, 1965.

Zimmermann, G.A. Vierhundert Jahre Amerikanischer Geschichte.  
Milwaukee: Verlag von Geo. Brumder, 1893.